

# Angiopoietin Like Protein 1 (ANGPTL1) Recombinant Protein | ANGPTL1 recombinant protein

Recombinant Angiopoietin Like Protein 1 (ANGPTL1)

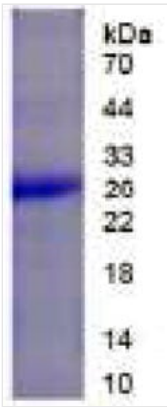
|                               |                       |                                           |                                               |
|-------------------------------|-----------------------|-------------------------------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA134502</b> | HOST<br><b>E.coli</b> | REACTIVITY<br><b>Homo sapiens (Human)</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-------------------------------------------|-----------------------------------------------|

## PRODUCT SYNONYMS

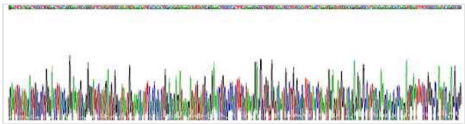
Angiopoietin Like Protein 1 (ANGPTL1); Recombinant Angiopoietin Like Protein 1 (ANGPTL1); ANGPTL1 recombinant protein

## PRODUCT SPECIFICATIONS

|                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                    | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reactivity                                              | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Purity/Purification                                     | > 95%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Form/Format                                             | 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Concentration                                           | Original Concentration: 400ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Sequence                                                | FINEGPFKDC QQAKEAGHSV SGIYMIKPEN SNGPMQLWCE NSLDPGGWTV IQKRTDGSVN FFRNWENYKK<br>GFGNIDGEYW LGLENIYMLS NQDNYKLLIE LEDWSDKKVY AEYSSFRLEP ESEFYRLRLG TYQGNAGDSM<br>MWHNGKQFTT LDRDKDMYAG NCAHFHKGGW WYNACAHSNL NGVWYRGGHY RSKHQDGIFW<br>AEYRGGSYSL RAVQMMIKPI D                                                                                                                                                                                                                                                    |
| Applicable Applications for ANGPTL1 recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Source                                                  | Prokaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Residues                                                | Phe271~Asp491                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Tags                                                    | N-terminal His Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Subcellular Location                                    | Secreted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Traits                                                  | Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Predicted isoelectric point                             | 6.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Usage                                                   | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                                                                                                                                                                                                                                                                                                                                                                                                               |
| Preparation and Storage                                 | <p><b>Storage:</b><br/>Avoid repeated freeze/thaw cycles.<br/>Store at 2-8°C for one month.<br/>Aliquot and store at -80°C for 12 months.</p> <p><b>Stability Test:</b> The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.</p> |



Sequence



SDS-PAGE

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4757752                                                                                                                                                                                                  |
| NCBI GeneID                      | 9068                                                                                                                                                                                                     |
| NCBI Accession #                 | NP_004664.1                                                                                                                                                                                              |
| NCBI GenBank Nucleotide #        | NM_004673.3                                                                                                                                                                                              |
| UniProt Accession #              | O95841; Q5T5Z5                                                                                                                                                                                           |
| Molecular Weight                 | Predicted Molecular Mass: 27.0kDa<br>Accurate Molecular Mass: 27kDa as determined by SDS-PAGE reducing conditions.                                                                                       |
| NCBI Official Full Name          | angiotensinogen-converting enzyme 1                                                                                                                                                                      |
| NCBI Official Synonym Full Names | angiotensinogen-converting enzyme 1                                                                                                                                                                      |
| NCBI Official Symbol             | ANGPTL1                                                                                                                                                                                                  |
| NCBI Official Synonym Symbols    | ANG3; ARP1; AngY; ANGPT3; UNQ162; dJ595C2.2                                                                                                                                                              |
| NCBI Protein Information         | angiotensinogen-converting enzyme 1; ANG-3; angiotensinogen-converting enzyme 3; angiotensinogen-converting enzyme 3; angiotensinogen Y1; angiotensinogen-like protein 1; dJ595C2.2 (angiotensinogen Y1) |
| UniProt Protein Name             | Angiotensinogen-converting enzyme 1                                                                                                                                                                      |
| UniProt Gene Name                | ANGPTL1                                                                                                                                                                                                  |
| UniProt Synonym Gene Names       | ANG3; ANGPT3; ARP1; ANG-3                                                                                                                                                                                |
| UniProt Entry Name               | ANG1_HUMAN                                                                                                                                                                                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.