

Angiopoietin 1 (ANGPT1) Recombinant Protein | ANGPT1 recombinant protein

Recombinant Angiopoietin 1 (ANGPT1)

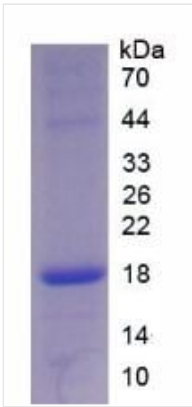
CATALOG # AAA134497	HOST E.coli	REACTIVITY Rattus norvegicus (Rat)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Angiopoietin 1 (ANGPT1); Recombinant Angiopoietin 1 (ANGPT1); ANGPT1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Rattus norvegicus (Rat)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for ANGPT1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Asn304~Ala450
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.4
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	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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 degree 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.



NNMPEPK KVFCHMDVNE GGWTVIQHRE DGSLEDFQRGW KEYKMGFGNP
SGEYWLGNF IFAITSQRQY MLRIELMDWE GNRAYSQYDR FHIGNQKQNY
RLYLKGHTGT AGKQSSLIH GADFSTKDAD NDNCMKCAL MLTGGWTFDA

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	23308739
NCBI GeneID	89807
NCBI Accession #	NP_445998.1
NCBI GenBank Nucleotide #	NM_053546.1
UniProt Accession #	O35460; Q8K4Q4
Molecular Weight	Predicted Molecular Mass: 18.3kDa Accurate Molecular Mass: 18kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	angiotensinogen-1
NCBI Official Synonym Full Names	angiotensinogen 1
NCBI Official Symbol	Angpt1
NCBI Official Synonym Symbols	Agpt; Agpt1; Ang-1
NCBI Protein Information	angiotensinogen-1
UniProt Protein Name	Angiotensinogen-1
UniProt Gene Name	Angpt1
UniProt Synonym Gene Names	ANG-1
UniProt Entry Name	ANGP1_RAT

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.