

## Clara Cell Protein 16 (CC16) Recombinant Protein | CC16 recombinant protein

Recombinant Clara Cell Protein 16 (CC16)

|                               |                       |                                           |                                               |
|-------------------------------|-----------------------|-------------------------------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA134720</b> | HOST<br><b>E.coli</b> | REACTIVITY<br><b>Homo sapiens (Human)</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-------------------------------------------|-----------------------------------------------|

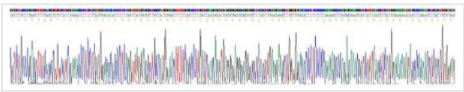
### PRODUCT SYNONYMS

Clara Cell Protein 16 (CC16); Recombinant Clara Cell Protein 16 (CC16); CC16 recombinant protein

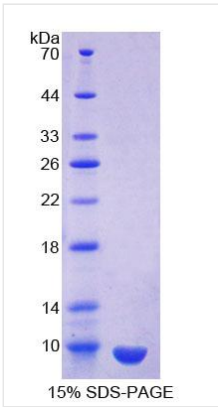
### PRODUCT SPECIFICATIONS

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                 | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Reactivity                                           | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Purity/Purification                                  | Traits  Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Form/Format                                          | 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Concentration                                        | Original Concentration: 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Sequence                                             | ICPSFQRVIE TLLMDTPSSY EAAMELFSPD QDMREAGACL KKLVDTLPPK PRESIIKLME KIAQSSLCN                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Applicable Applications for CC16 recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Source                                               | Prokaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Residues                                             | Ile23~Asn91                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Tags                                                 | N-terminal His Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Subcellular Location                                 | Secreted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Traits                                               | Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Predicted isoelectric point                          | 6.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 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 degree C for one month.<br/> Aliquot and store at -80 degree C for 12 months.</p> <p><b>Stability Test:</b><br/> 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.</p> |

IMAGES



Identification  
Figure. Gene Sequencing



SDS-PAGE

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4507809                                                                                                                                     |
| NCBI GeneID                      | 7356                                                                                                                                        |
| NCBI Accession #                 | NP_003348.1                                                                                                                                 |
| NCBI GenBank Nucleotide #        | NM_003357.4                                                                                                                                 |
| UniProt Accession #              | P11684; Q6FHH3; Q9UCM2; Q9UCM4; B2R5F2                                                                                                      |
| Molecular Weight                 | Predicted Molecular Mass: 9.0kDa<br>Accurate Molecular Mass: 9kDa as determined by SDS-PAGE reducing conditions.                            |
| NCBI Official Full Name          | uteroglobin                                                                                                                                 |
| NCBI Official Synonym Full Names | secretoglobin, family 1A, member 1 (uteroglobin)                                                                                            |
| NCBI Official Symbol             | SCGB1A1                                                                                                                                     |
| NCBI Official Synonym Symbols    | UGB; UP1; CC10; CC16; CCSP; UP-1; CCPBP                                                                                                     |
| NCBI Protein Information         | uteroglobin; blastokinin; urine protein 1; urinary protein 1; clara cells 10 kDa secretory protein; clara cell phospholipid-binding protein |
| UniProt Protein Name             | Uteroglobin                                                                                                                                 |
| UniProt Gene Name                | SCGB1A1                                                                                                                                     |
| UniProt Synonym Gene Names       | CC10; CCSP; UGB; CCPBP; CC10; UP-1; UP1                                                                                                     |
| UniProt Entry Name               | UTER_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.

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Online datasheet: <https://stage.aaabiotech.com/scgb1a1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134720>