



# Recombinant Human Angiopoietin-related protein 3 (ANGPTL3)

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| <b>Product Code</b>      | CSB-EP896903HU  |
| <b>Abbreviation</b>      | ANGPTL3   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  |
| <b>Uniprot No.</b>       | Q9Y5C1  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | SRID QDNSSFDSL S PEPKSRFAML DDVKILANGL LQLGHGLKDF<br>VHKTKGQIND IFQKLNIFDQ SFYDLSLQTS EIKEEEKELR RTTYKLQVKN<br>EEVKNMSLEL NSKLESLEE KILLQQKVKY LEEQLTNLIQ NQPETPEHPE<br>VTSLKTFVEK QDNSIKDLLQ TVEDQYKQLN QQHSQIKEIE NQLRRTSIQE<br>PTEISLSSKP RAPRTTPFLQ LNEIRNVKHD GIPAECTTIY NRGEHTSGMY<br>AIRPSNSQVF HVYCDVISGS PWTLIQHRID GSQNFNETWE NYKYGFGRLD<br>GEFWLGLEKI YSIVKQSNYV LRIELEDWKD NKHYIEYSFY LGNHETNYTL<br>HLVAITGNVP NAIPENKDLV FSTWDHKAKG HFNCPEGYSG<br>GWWWHDECGE NNLNGKYNKP RAKSKPERRR GLSWKSQNGR<br>LYSIKSTKML IHPTDSESFE   |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | ANGPTL3   |
| <b>Protein Names</b>     | Recommended name: Angiopoietin-related protein 3 Alternative name(s):<br>Angiopoietin-5 Short name= ANG-5 Angiopoietin-like protein 3   |
| <b>Expression Region</b> | 17-460  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | Full Length of Mature Protein   |
| <b>Target Details</b>    | This protein is a member of the angiopoietin-like family of secreted factors. It is predominantly expressed in the liver, and has the characteristic structure of angiopoietins, consisting of a signal peptide, N-terminal coiled-coil domain and the C-terminal fibrinogen (FBN)-like domain. The FBN-like domain in angiopoietin-like 3 protein was shown to bind alpha-5/beta-3 integrins, and this binding induced endothelial cell adhesion and migration. This protein may also play a role in the regulation of angiogenesis. |



## Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## Shelf Life

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