



Recombinant Human Angiopoietin-related protein 3 (ANGPTL3)

Product Code	CSB-YP896903HU
Abbreviation	ANGPTL3
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. 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.
Uniprot No.	Q9Y5C1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	SRID QDNSSFDSL S PEPKSRFAML DDVKILANGL LQLGHGLKDF VHKTKGQIND IFQKLNIFDQ SFYDLSLQTS EIKEEEKELR RTTYKLQVKN EEVKNMSLEL NSKLESLEE KILLQQKVYK LEEQLTNLIQ NQPETPEHPE VTSLKTFVEK QDNSIKDLLQ TVEDQYKQLN QQHSQIKEIE NQLRRTSIQE PTEISLSSKP RAPRTTPFLQ LNEIRNVKHD GIPAECTTIY NRGEHTSGMY AIRPSNSQVF HVYCDVISGS PWTLIQHRID GSQNFNETWE NYKYGFGRLD GEFWLGLEKI YSIVKQSNYV LRIELEDWKD NKHYIEYSFY LGNHETNYTL HLVAITGNVP NAIPENKDLV FSTWDHKAKG HFNCPEGYSG GWWWHDECGE NNLNGKYNKP RAKSKPERRR GLSWKSQNGR LYSIKSTKML IHPTDSESFE
Source	Yeast
Target Names	ANGPTL3
Protein Names	Recommended name: Angiopoietin-related protein 3 Alternative name(s): Angiopoietin-5 Short name= ANG-5 Angiopoietin-like protein 3
Expression Region	17-460
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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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