



Recombinant Mouse Angiopoietin-related protein 3 (Angptl3)

Product Code	CSB-EP874172MO-B
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.	Q9R182
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	SRVD PDLSSFDSAP SEPKSRFAML DDVKILANGL LQLGHGLKDF VHKTKGQIND IFQKLNIFDQ SFYDLSLRTN EIKEEEKELR RTTSTLQVKN EEVKNMSVEL NSKLESLEE KTALQHKVRA LEEQLTNLIL SPAGAQEHP VTSLKSFVEQ QDNSIRELLQ SVEEQYKQLS QQHMQIKEIE KQLRKTGIQE PSENSLSSKS RAPRTTPPLQ LNETENTEQD DLPADCSAVY NRGEHTSGVY TIKPRNSQGF NVYCDTQSGS PWTLIQHRKD GSQDFNETWE NYEKGFGRLD GEFWLGLEKI YAIVQQSNYI LRLELQDWKD SKHYVEYSFH LGSHETNYTL HVAEIAGNIP GALPEHTDLM FSTWNHRAKG QLYCPESYSG GWWWNDICGE NNLNGKYNKP RTKSRPERRR GIYWRPQSRK LYAIKSSKMM LQPTT
Source	E.coli
Target Names	Angptl3
Protein Names	Recommended name: Angiopoietin-related protein 3 Alternative name(s): Angiopoietin-like protein 3
Expression Region	17-455
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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