

Product datasheet for **TP300321M**

Angiotensin like 7 (ANGPTL7) (NM_021146) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human angiotensin-like 7 (ANGPTL7), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC200321 protein sequence
Red=Cloning site **Green**=Tags(s)

MLKKPLSAVTWLCIFIVAFVSHPAWLQKLSKHKTPAQPQLKAANCCEEVKELKAQVANLSSLLSELNKKQ
ERDWVSVVMQVMELESNSKRME SRLTDAESKYSEMNNQIDIMQLQAAQTVTQTSADAIYDCSSLYQKNYR
ISGVYKLPDDFLGSPLELVFCDMETSGGGWTIIQRRKSGLVSYRDWKQYKQGFSGIRGDFWLGNHIIH
RLSRQPTRLRVEMEDWEGNLRYAESHFVLGNELNSYRLFLGNYSYRGNVGNLQYHNNTAFSTKDKDNDN
CLDKCAQLRKGGYWYNCCTDSNLNGVYYRLGEHNKHLDGITWYGWHGTYSLKRVEMKIRPEDFKP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 39.8 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_066969](#)

Locus ID: 10218



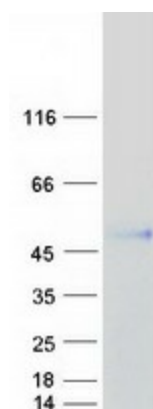
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UniProt ID: [O43827](#)
RefSeq Size: 2307
Cytogenetics: 1p36.22
RefSeq ORF: 1038
Synonyms: AngX; CDT6; dJ647M16.1

Summary: Has a role in the formation and organization of the extracellular matrix. In the eye, it functions as a mediator of dexamethasone-induced matrix deposition in the trabecular meshwork, the tissue responsible for the outflow of the ocular aqueous humor and for the maintenance of intraocular pressure (PubMed:21199193). Is a negative regulator of angiogenesis in the cornea, and plays a major role in maintaining corneal avascularity and transparency (PubMed:25622036).[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Product images:



Coomassie blue staining of purified ANGPTL7 protein (Cat# [TP300321]). The protein was produced from HEK293T cells transfected with ANGPTL7 cDNA clone (Cat# [RC200321]) using MegaTran 2.0 (Cat# [TT210002]).