

Product datasheet for **TP505028**

Angptl7 (NM_001039554) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse angiopoietin-like 7 (Angptl7), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205028 representing NM_001039554 Red =Cloning site Green =Tags(s)

MLRETWLCVILVAFVSHPVWLQKPHKRKTQLKAAGCCEEMRELKAQVANLSSLLGELSRKQESDWVSVVM
QVMELESSSKHMESRLSTAESKYSEMNNQIDIMQLQAAQTVTQTSADAIYDCSSLYQKNYRISGVYKLP
DEFLGSPELEVFCDMETSGGGWTIIQRRKSLVSYFYQDWRQYKQGFSGIRGDFWLGNEHIHRLTRQPSRL
RVELEDWEGNARYAEYSYFALGNELNSYRFLGNYSGNVGKDALLYHNNTVFSTKDKDNDNCLDKCAQLR
KGGYWYNCCTDSNLNGVYYRLGEHRKHMDGISWYGWHGANYSCLKRVEMKIRPEAFKP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	39.5 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
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 after receiving vials.
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_001034643
Locus ID:	654812
UniProt ID:	Q8R1Q3



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RefSeq Size: 2063

Cytogenetics: 4 E2

RefSeq ORF: 1011

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 (By similarity). 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]