

Recombinant Mouse Angptl7 protein, His-tagged

Cat. No. Angptl7-79M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse ANGPTL7, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Mouse
Source	Insect Cells
Description	ANGPTL7, also known as angiopoietin-related protein 7, is member of the angiopoietin-like family of molecules. It's expressed in the corneal stroma, trabecular meshwork, and sclera. Its production is up-regulated in trabecular meshwork cells by glucocorticoids and TGF-Beta and in cartilage by TNF-alpha.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	37.5kDa (324aa)40-57KDa (SDS-PAGE under reducing conditions.)
AA Sequence	QKPHKRKTQL KAAGCCEEMR ELKAQVANLS SLLGELSRKQ ESDWVSVVMQ VMELESSSKH MESRLSTAES KYSEMNNQID IMQLQAAQTVTQTSADAIYD CSSLYQKNYR ISGVYKLPPD EFLGSPELEV FCDMETSGGG WTIIQRRKSG LVSFYQDWRQ YKQGFGSIRG DFWLGNEHIHRLTRQPSRLR VELEDWEGNA RYAEYSYFAL GNELNSYRLF LGNYSGNVGK DALLYHNNTV FSTKDKDNDN CLDKCAQLRK GGYWYNCCTDSNLNGVYYRL GEHRKHMDGI SWYGWHGANY SLKRVEMKIR PEA FKPLEHH HHHH
Endotoxin	< 1.0 EU per 1 microgram of protein (determined by LAL method)

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Purity	>90% by SDS – PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.25mg/ml (determined by Absorbance at 280nm)
GENE INFORMATION	
Gene Name	Angptl7 angiotensin-like 7 [<i>Mus musculus</i>]
Official Symbol	Angptl7
Synonyms	ANGPTL7; angiotensin-like 7; angiotensin-related protein 7; angiotensin-like protein 7;
Gene ID	654812
mRNA Refseq	NM_001039554
Protein Refseq	NP_001034643
MIM	
UniProt ID	
Function	receptor binding;

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