

## Recombinant Mouse Angptl7 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant mouse ANGPTL7, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
<b>Species</b>	Mouse
<b>Source</b>	Insect Cells
<b>Description</b>	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.
<b>Form</b>	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
<b>Molecular Mass</b>	37.5kDa (324aa)40-57KDa (SDS-PAGE under reducing conditions.)
<b>AA Sequence</b>	QKPHKRKTQL KAAGCCEEMR ELKAQVANLS SLLGELSRKQ ESDWVSVVMQ VMELESSSKH MESRLSTAES KYSEMNNQID IMQLQAAQTVTQTSADAIYD CSSLYQKNYR ISGVYKLPPD EFLGSPELEV FCDMETSGGG WTIIQRRKSG LVSFYQDWRQ YKQGFSGSIRG DFWLGNEHIHRLTRQPSRLR VELEDWEGNA RYAEYSYFAL GNELNSYRLF LGNYSGNVGK DALLYHNNTV FSTKDKDNDN CLDKCAQLRK GGYWYNCCTDSNLNGVYYRL GEHRKHMDGI SWYGWHGANY SLKRVEMKIR PEAFKPLEHH HHHH
<b>Endotoxin</b>	< 1.0 EU per 1 microgram of protein (determined by LAL method)

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<b>Purity</b>	>90% by SDS – PAGE
<b>Storage</b>	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.
<b>Concentration</b>	0.25mg/ml (determined by Absorbance at 280nm)
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">Angptl7</a> angiotensin-like 7 [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	<a href="#">Angptl7</a>
<b>Synonyms</b>	ANGPTL7; angiotensin-like 7; angiotensin-related protein 7; angiotensin-like protein 7;
<b>Gene ID</b>	<a href="#">654812</a>
<b>mRNA Refseq</b>	<a href="#">NM_001039554</a>
<b>Protein Refseq</b>	<a href="#">NP_001034643</a>
<b>MIM</b>	
<b>UniProt ID</b>	
<b>Function</b>	receptor binding;

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