

Product information

Angiopoietin-related protein 7, 22-337aa

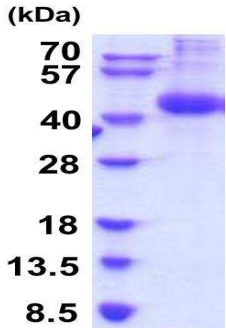
Mouse, His-tagged, Recombinant, Insect cell

Cat. No. IBATGP3196

NCBI Accession No.: NP_001034643

Synonyms: Angptl7, angiopoietin-like 7, CDT6

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- β and in cartilage by TNF- α . Recombinant mouse ANGPTL7, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

<p>Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.</p> <p>Molecular Weight: 37.5kDa (324aa) 40-57KDa (SDS-PAGE under reducing conditions.)</p> <p>Purity: > 90% by SDS – PAGE.</p> <p>Concentration: 0.25mg/ml (determined by Absorbance at 280nm)</p> <p>Endotoxin Level: < 1.0 EU per 1μg of protein (determined by LAL method)</p>	 <p>(kDa)</p> <p>70</p> <p>57</p> <p>40</p> <p>28</p> <p>18</p> <p>13.5</p> <p>8.5</p> <p>15% SDS-PAGE (3ug)</p>
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Sequences of amino acids:

QKPHKRTQL KAAGCCEEMR ELKAQVANLS SLLGELSRKQ ESDWVSVVMQ VMELESSSKH MESRLSTAES KYSEMNNQID IMQLQAAQTV
 TQTSADAIYD CSSLYQKNYR ISGVYKLPDP EFLGSPELEV FCDMETSGGG WTIIQRRKSG LVSFYQDWRQ YKQGFSGSIRG DFWLGNEHIH
 RLTRQPSRLR VELEDWEGNA RYAEYSYFAL GNELNSYRLF LGNYSGNVGK DALLYHNNTV FSTKDKDNDN CLDKCAQLRK GGYWYNCCTD
 SNLNGVYYRL GEHRKHMDGI SWYGWHGANY SLKRVEMKIR PEAFAKPLEHH HHHH

General references:

Oike. Y. *et al.*, (2009) *Circ.* 73:2192.

Kuchtey. J. *et al.*, (2008) *Invest. Optalmol. Vis. Sci* 49:3438.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
 Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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