

Product datasheet for PH300321

Angiopoietin like 7 (ANGPTL7) (NM_021146) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ANGPTL7 MS Standard C13 and N15-labeled recombinant protein (NP_066969)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200321
Predicted MW:	40 kDa
Protein Sequence:	>RC200321 protein sequence Red =Cloning site Green =Tags(s)

MLKKPLSAVTWLCIFIVAFVSHPAWLQKLSKHKTPAQPLKAANCCEEVKELKAQVANLSSLLSELNKKQ
 ERDWVSVMQVMELESNSKRMSRLTDAESKYSEMNNQIDIMQLQAAQTVTQTSADAIYDCSSLYQKNYR
 ISGVYKLPPDDFLGSPLEVFCDMETSGGGWTIIQRRKSGLVSFYRDWKQYKQFGSIRGDFWLGNHEIH
 RLSRQPTRLRVEMEDWEGNLRAYEYSHFVLGNELNSYRLFLGNYTGNVGNDAQYHNNTAFSTKDKDNDN
 CLDKCAQLRKGGYWYNCCTDSNLNGVYYRLGEHNKHLGDITWYGWHGSTYSLKRVEMKIRPEDFKP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_066969</u>
RefSeq Size:	2307
RefSeq ORF:	1038
Synonyms:	AngX; CDT6; dj647M16.1
Locus ID:	10218


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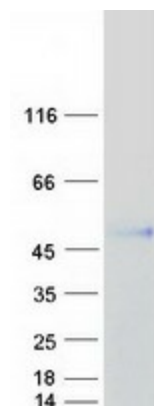
UniProt ID: O43827

Cytogenetics: 1p36.22

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]).