

Recombinant Human ANGPTL7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ANGPTL7-1782H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

ANGPTL7 MS Standard C13 and N15-labeled recombinant protein (NP_066969) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

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. Is a negative regulator of angiogenesis in the cornea, and plays a major role in maintaining corneal avascularity and transparency.

Molecular Mass

40 kDa

AA Sequence

MLKKPLSAVTWLCIFIVAFVSHPAWLQKLSKHKTPAQPQLKAANCCEEVKELKAQVA
 NLSSLLSELNKKQERDWVSVVMQVMELESNSKRMESRLTDAESKYSEMNNQIDIMQ
 LQAAQTVTQTSADAIYDCSSLYQKNYRISGVYKLPDDFLGSPELEVFCDMETSGGG
 WTIIQRRKSGLVSFYRDWKQYKQGFSGSIRGDFWLGNEHIHRLSRQPTRLRVEMED
 WEGNLRYAESHFVLGNELNSYRLFNGNYTGNVGNLALQYHNNTAFSTKDKDNDN
 CLDKCAQLRKGGYWYNCCTDSNLNGVYYRLGEHNKHLDGITWYGWHGSTYSLKR
 VEMKIRPEDFKPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ANGPTL7 angiopoietin-like 7 [Homo sapiens (human)]
Official Symbol	ANGPTL7
Synonyms	ANGPTL7; angiopoietin-like 7; angiopoietin-related protein 7; AngX; CDT6; angiopoietin-like protein 7; angiopoietin-like factor (CDT6); cornea-derived transcript 6 protein; dJ647M16.1; RP4-647M16.2;
Gene ID	10218
mRNA Refseq	NM_021146
Protein Refseq	NP_066969
MIM	618517
UniProt ID	O43827

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SDS-PAGE



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