

Active Recombinant Human ANGPTL7 Protein, His-tagged

Cat. No. ANGPTL7-973H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANGPTL7 (Accession # O43827) Met1-Pro346, fused with a C-terminal 10-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	Met1-Pro346
Predicted N Terminal	No results obtained: Gln27 predicted
Form	Lyophilized from a 0.2 µm filtered solution in PBS and NaCl with BSA as a carrier protein.
Bio-activity	Measured by its ability to promote the expansion of E16 rat liver mononuclear cells in vitro, in the presence of Recombinant Mouse SCF/c-kit Ligand, Recombinant Mouse Thrombopoietin/Tpo, and Recombinant Mouse Flt-3 Ligand. The ED50 for this effect is typically 50 - 200 ng/mL in the presence of a cross-linking antibody, Mouse polyHistidine Monoclonal Antibody.
Molecular Mass	Recombinant Human ANGPTL7, His-tagged has a calculated MW of 38.6 kDa. In SDS-PAGE migrates as 49-55 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.

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Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).
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GENE INFORMATION

Gene Name	ANGPTL7 angiopoietin-like 7 [Homo sapiens]
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	
UniProt ID	O43827
Chromosome Location	1p36

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