

Recombinant Full Length Human ANGPTL3 Protein, C-Flag-tagged

Cat. No. ANGPTL3-1785HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ANGPTL3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of a family of secreted proteins that function in angiogenesis. The encoded protein, which is expressed predominantly in the liver, is further processed into an N-terminal coiled-coil domain-containing chain and a C-terminal fibrinogen chain. The N-terminal chain is important for lipid metabolism, while the C-terminal chain may be involved in angiogenesis. Mutations in this gene cause familial hypobetalipoproteinemia type 2.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	51.4 kDa
AA Sequence	MFTIKLLLFIVPLVISSRIDQDNSSFDSLSEPKSRFAMLDDVKILANGLLQLGHGLKDF VHKTKGQIND IFQKLNIFDQSFYDLSLQTSEIKEEEKELRRTTYKLQVKNEEVKNMSL ELNSKLESLLEEKILLQQKVKY LEEQLTNLIQNQPETPEHPEVTSLKTFVEKQDNSIK DLLQTVEDQYKQLNQQHSQIKEIENQLRRTSIQE PTEISLSSKPRAPRTTPFLQLNEI RNVKHDGIPAECTTIYNRGEHTSGMYAIRPSNSQVFHVYCDVISGS PWTLIQHRIDG SQNFNETWENYKYGFGRLDGEFWLGLEKIYSIVKQSNYVLRIELEDWKDNKHIEYS

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FY LGNHETNYTLHLVAITGNVPNAIPENKDLVFSTWDHKAKGHFNCPEGYSGGWW
 WHDECGENNLNGKYNKP RAKSKPERRRGLSWKSQNGRLYSIKSTKMLIHPTDSES
 FE TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Secreted Protein
Full Length	Full L.

GENE INFORMATION

Gene Name	ANGPTL3 angiopoietin like 3 [Homo sapiens (human)]
Official Symbol	ANGPTL3
Synonyms	ANL3; ANG-5; FHBL2; ANGPT5
Gene ID	27329
mRNA Refseq	NM_014495.4

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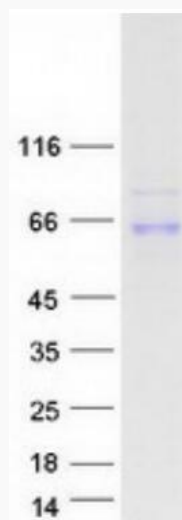
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Protein Refseq NP_055310.1

MIM 604774

UniProt ID Q9Y5C1



Coomassie blue staining of purified ANGPTL3 protein.

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