

Recombinant Human ANGPTL3 Protein

Cat. No. ANGPTL3-485H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ANGPTL3 protein
Species	Human
ProteinLength	460
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	Lyophilized
AA Sequence	MFTIKLLLFIVPLVISSRIDQDNSSFDSLSEPKSRFAMLDDVKILANGLLQLGHGLKDF VHKTKGQINDIFQKLNIFDQSFYDLSLQTSEIKEEEKELRRTTYKLQVKNEEVKNMSL ELNSKLESLLLEKILLQQKVYLEEQLTNLIQNQPETPEHPEVTSCLKTFVEKQDNSIKD LLQTVEDQYKQLNQHSQIKEIENQLRRTSIQEPTEISLSSKPAPRTTPFLQLNEIRN VKHDGIPAECTTIYNRGEHTSGMYAIRPSNSQVFHVYCDVISGSPWTLIQHRIDGSQ NFNETWENYKYGFGRLDGEFWLGLLEKIYSIVKQSNYVLRLELEDWKDNKHIEYSFY LGNHETNYTLHLVAITGNVPNAIPENKDLVFSTWDHKAKGHFNCPEGYSGGWWWH DECGENNLNGKYNKPRAKSKPERRRGLSWKSQNGRLYSIKSTKMLIHPTDSESFE
Purity	> 98%

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Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	ANGPTL3 angiopoietin-like 3 [Homo sapiens (human)]
Official Symbol	ANGPTL3
Synonyms	ANGPTL3; angiopoietin-like 3; ANGPT5; angiopoietin-related protein 3; angiopoietin 5; ANG-5; FHBL2;
Gene ID	27329
mRNA Refseq	NM_014495
Protein Refseq	NP_055310
MIM	604774

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UniProt ID

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