

Recombinant Human ANGPTL3 Protein, FLAG-tagged

Cat. No. ANGPTL3-399H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Fibrinogen-like domain of human ANGPTL3 (aa 224-460) is fused at the N-terminus to a FLAG®-tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	224-460 a.a.
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
Molecular Mass	~35-38kDa
Endotoxin	<0.01EU/μg purified protein (LAL test).
Purity	≥95% (SDS-PAGE)
Stability	Stable for at least 6 months after receipt when stored at -20 centigrade.

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	Working aliquots are stable for up to 3 months when stored at -20 centigrade.
Storage	Short Term Storage: +4 centigrade Long Term Storage: -20 centigrade
Concentration	After reconstitution for 10 µg size: 0.1 mg/mL for 50 µg size: 1 mg/mL
Storage Buffer	Contains PBS.
Reconstitution	10 µg size: Reconstitute with 100 µL sterile water. 50 µg size: Reconstitute with 50 µL sterile water.
Shipping	BLUE ICE

GENE INFORMATION

Gene Name	ANGPTL3 angiopoietin like 3 [Homo sapiens (human)]
Official Symbol	ANGPTL3
Synonyms	ANGPTL3; angiopoietin like 3; ANL3; ANG-5; FHBL2; ANGPT5; angiopoietin-related protein 3; angiopoietin 5
Gene ID	27329
mRNA Refseq	NM_014495
Protein Refseq	NP_055310

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MIM	604774
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UniProt ID	Q9Y5C1
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