

## Recombinant Human ANGPTL3, FLAG-tagged

Cat. No. ANGPTL3-397H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ANGPTL3(aa 1-222), fused at the C-terminus to a FLAG-tag, was expressed in HEK 293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-222 a.a.
<b>Description</b>	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.
<b>Form</b>	Liquid. 0.2µm-filtered solution in PBS.
<b>Molecular Mass</b>	~25kDa (SDS-PAGE)
<b>Endotoxin</b>	<0.1EU/µg purified protein (LAL test; Lonza).
<b>Purity</b>	≥90% (SDS-PAGE)
<b>Stability</b>	Working aliquots are stable for up to 3 months when stored at -20°C.

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<b>Storage</b>	Short Term Storage: +4°C Long Term Storage: -20°C Handling Advice: After opening, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.
<b>Concentration</b>	0.5 mg/ml
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	ANGPTL3 angiopoietin-like 3 [ Homo sapiens (human) ]
<b>Official Symbol</b>	ANGPTL3
<b>Synonyms</b>	ANGPTL3; angiopoietin-like 3; ANGPT5; angiopoietin 5; angiopoietin-related protein 3; Angiopoietin-5; ANG-5; UNQ153/PRO179; OTTHUMP00000010719
<b>Gene ID</b>	<a href="#">27329</a>
<b>mRNA Refseq</b>	<a href="#">NM_014495</a>
<b>Protein Refseq</b>	<a href="#">NP_055310</a>
<b>MIM</b>	<a href="#">604774</a>
<b>UniProt ID</b>	Q9Y5C1
<b>Chromosome Location</b>	1p31.3
<b>Function</b>	enzyme inhibitor activity; growth factor activity; integrin binding; phospholipase inhibitor activity

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