Recombinant Human ANGPTL3, FLAG-tagged

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

SPECIFICATION

Product Overview	Recombinant Human ANGPTL3(aa 1-222), fused at the C-terminus to a FLAG-tag, was expressed in HEK 293 cells.
Species	Human
Source	HEK293
ProteinLength	1-222 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 metablism, while the C-terminal chain may be involved in angiogenesis. Mutations in this gene cause familial hypobetalipoproteinemia type 2.
Form	Liquid. 0.2μm-filtered solution in PBS.
Molecular Mass	~25kDa (SDS-PAGE)
Endotoxin	<0.1EU/μg purified protein (LAL test; Lonza).
Purity	≥90% (SDS-PAGE)
Stability	Working aliquots are stable for up to 3 months when stored at -20°C.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Short Term Storage: +4°CLong Term Storage: -20°CHandling Advice: After opening, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.
Concentration	0.5 mg/ml

GENE INFORMATION

Gene Name	ANGPTL3 angiopoietin-like 3 [Homo sapiens (human)]
Official Symbol	ANGPTL3
Synonyms	ANGPTL3; angiopoietin-like 3; ANGPT5; angiopoietin 5; angiopoietin-related protein 3; Angiopoietin-5; ANG-5; UNQ153/PRO179; OTTHUMP00000010719
Gene ID	27329
mRNA Refseq	NM_014495
Protein Refseq	NP_055310
MIM	604774
UniProt ID	Q9Y5C1
Chromosome Location	1p31.3
Function	enzyme inhibitor activity; growth factor activity; integrin binding; phospholipase inhibitor activity

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