

Recombinant Full Length Human ANGPTL3 Protein, GST-tagged

Cat. No. ANGPTL3-1227HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ANGPTL3 full-length ORF (AAH58287, 17 a.a. - 460 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	460 amino acids
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. [provided by RefSeq, Aug 2015]
Molecular Mass	74.58 kDa
AA Sequence	SRIDQDNSSF DSLSPEPKSR FAMLDDVKIL ANGLQLGHG LKDFVHKTKG QINDIFQKLN IFDQSFYDLS LQTSEIKEEE KELRRTTYKL QVKNEEVKMN SLELNSKLES LLEEKILLQQ KVKYLEEQLT NLIQNQPETP EHPEVTS�KT FVEKQDNSIK DLLQTVEDQY KQLNQQHSQI KEIENQLRRT SIQEPTEISL SSKPRAPRTT PFLQLNEIRN VKHDGIPAEC TTIYNRGEHT SGMYAIRPSN SQVFHVYCDV ISGSPWTLIQ HRIDGSQNFN ETWENYKYGF GRLDGEFWLG

 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

LEKIYSIVKQ SNYVLRIELE DWKDNKHYIE YSFYLGNHET NYTLHLVAIT
GNVPNAIPEN KDLVFSTWDH KAKGHFNCPE GYSGGWWWH D ECGENNLNGK
YNKPRAKSKP ERRRGLSWKS QNGRLYSIKS TKMLIHPTDS ESFE

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

ANGPTL3 angiopoietin-like 3 [Homo sapiens]

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

UniProt ID

Q9Y5C1

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