

Active Recombinant Human ANGPTL3 protein, His-tagged

Cat. No. ANGPTL3-555H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human ANGPTL3 (Q9Y5C1) partial recombinant protein with His tag expressed in CHO cells.
Species	Human
Source	Hamster
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]
Form	Lyophilized
Bio-activity	Measured by its binding ability to recombinant alpha-v beta-3 integrin in a functional ELISA.
Molecular Mass	62 kDa
AA Sequence	SRIDQDNSSFDSLSPKSRFAMLDDVKILANGLLQLGHGLKDFVHKTKGQINDIFQK LNIFDQSFYDLSLQTSEIKEEEEKELRRTTYKLQVKNEEVKNMSLELNSKLESLLLEEKIL LQQVKYLEEQLTNLIQNQPETPEHPEVTSKTFVEKQDNSIKDLLQTVEDQYKQLN QQHSQIKEIENQLRRTSIQEPTEISLSSKPRAPRTTPFLQLNEIRNVKHDGIPAECTTIY

 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

NRGEHTSGMYAIRPSNSQVFHVYCDVISGSPWTLIQHRIDGSQNFNETWENYKYGF
 GRLDGEFWLGLLEKIYSIVKQSNYVLRIELEDWKDNKHYIEYSFYLGNHETNYTLHLVA
 ITGNVPNAIPENKDLVFSTWDHKAKGHFNCPEGYSGGWWWHDECGENNLNGKYN
 KPRAKSKPERRRGLSWKSQNGRLYSIKSTKMLIHPTDSESEFEHHHHHHHH

Endotoxin Endotoxin level is < 0.1 ng/ug of protein (< 1 EU/ug).

Purity 98%

Applications Functional Study; SDS-PAGE

Usage
 Activity assay
 SDS-PAGE
 The optimal working dilution should be determined by the end user.

Storage Store at -20 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer Lyophilized from solutions contain no sodiun azide nor carrier protein

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](#)

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Protein Refseq NP_055310

MIM 604774

UniProt ID Q9Y5C1

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