

Recombinant Human ANGPTL3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ANGPTL3-842H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

ANGPTL3 MS Standard C13 and N15-labeled recombinant protein (NP_055310) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

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.

Molecular Mass

53.6 kDa

AA Sequence

MFTIKLLLFIPLVISSRIDQDNSSFDSLSPKSRFAMLDDVKILANGLLQLGHGLKDF
 VHKTGQINDIFQKLNIFDQSFYDLSQLTSEIKEEEKELRRTTYKLQVKNEEVKNMSL
 ELNSKLESLLKILLQQVKYLEEQLTNLIQNQPETPEHPEVTSKTFVEKQDNSIKD
 LLQTVEDQYKQLNQHSQIKEIENQLRRTSIQEPTEISLSSKPRAPRTTPFLQLNEIRN
 VKHDGIPAECTTIYNRGEHTSGMYAIRPSNSQVFHVYCDVISGSPWTLIQHRIDGSQ
 NFNETWENYKYGFGRLDGEFWLGLLEKIYSIVKQSNYVLRIELEDWKDNKHIEYSFY
 LGNHETNYTLHLVAITGNVPNAIPENKDLVFSTWDHKAKGHFNCPEGYSGGWWWH

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DECGENNLNGKYNKPRAKSKPERRRGLSWKSQNGRLYSIKSTKMLIHPTDSESFET
RTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [ANGPTL3](#) [angiopoietin-like 3 \[Homo sapiens \(human\) \]](#)

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](#)

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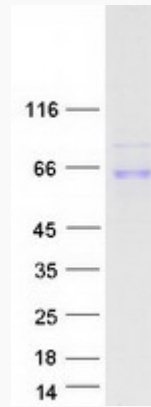
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UniProt ID

Q9Y5C1

SDS-PAGE



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