HuPro®

ANGPTL3 (Human) Recombinant Protein

Catalog # P8409 Size 2 x 10 ug

Specification

Product Description	Human ANGPTL3 (Q9Y5C1, 17 a.a. - 460 a.a.) partial-length recombinant protein with His-tag at C-terminal expressed in HEK293 cell.
Amount	> 95% by SDS-PAGE
Sequence	SRIDQDNSSFDSLSPEPKSRFAMLDDVKILANGLLQLGHGLKDFVHKTKGQINDIFQKLNIFDQSFY DLSLQTSEIKEEEKELRRTTYKLQVKNEEVKNMSLELNSKLESLLEEKILLQQKVKYLEEQLTNLIQ NQPETPEHPEVTSLKTFVEKQDNSIKDLLQTVEDQYKQLNQQHSQIKEIENQLRRTSIQEPTEISLS SKPRAPRTTPFLQLNEIRNVKHDGIPAECTTIYNRGEHTSGMYAIRPSNSQVFHVYCDVISGSPWTLI QHRIDGSQNFNETWENYKYGFGRLDGEFWLGLEKIYSIVKQSNYVLRIELEDWKDNKHYIEYSFYLG NHETNYTLHLVAITGNVPNAIPENKDLVFSTWDHKAKGHFNCPEGYSGGWWWHDECGENNLNG KYNKPRAKSKPERRRGLSWKSQNGRLYSIKSTKMLIHPTDSESFEHHHHHH.
Host	Human
Theoretical MW (kDa)	52.6
Form	Lyophilized
Preparation Method	HEK 293T cell expression system
Storage Buffer	Lyophilized from 0.05M phosphate buffer and 0.075M NaCl, pH 7.4.
Storage Instruction	Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles.

Applications

- SDS-PAGE

Gene Info — ANGPTL3

Entrez GeneID	27329

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Protein Accession#	Q9Y5C1
Gene Name	ANGPTL3
Gene Alias	ANGPT5
Gene Description	angiopoietin-like 3
Omim ID	604774
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the angiopoietin-like family of secreted factors. It is predominantly expressed in the liver, and has the characteristic structure of angiopoietins, consisting of a signal peptide, N-terminal coiled-coil domain and the C-terminal fibrinogen (FBN)-like domain. The FBN-like domain in angiopoietin-like 3 protein was shown to bind alpha-5/beta-3 integrins, and this binding induced endothelial cell adhesion and migration. This protein may also play a role in the regulation of angiogenesis. [provided by RefSeq
Other Designations	OTTHUMP00000010719|angiopoietin 5

Disease

- Coronary Artery Disease
- Diabetes Mellitus
- Dyslipidemias
- Genetic Predisposition to Disease
- Hyperlipoproteinemias
- Hypertriglyceridemia
- Lipid Metabolism Disorders
- Obesity

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