

Bioactive

ANGPTL3 (Human) Recombinant Protein

Catalog # P6327

Size 50 ug

Specification

Product Description	Human ANGPTL3 (Q9Y5C1) recombinant protein expressed in CHO cells.
Sequence	SRIDQDNSSFDSLSPPEPKSRFAMLDVVKILANGLLQLGHGLKDFVHKTGQINDIFQKLNIFDQSFY DLSLQTSEIKEEEKELRRTTYKLQVKNEEVKNMSLELNSKLESLEEKILLQQKVKYLEEQLTNLIQ NQPETPEHPEVTSLKTFVEKQDNSIKDLLQTVEDQYKQLNQQHSQIKEIENQLRRTSIQEPTEISLS SKPRAPRTTPFLQLNEIRNVKHDGIPAECTTIYNRGEHTSGMYAIRPSNSQVFHVYCDVISGSPWTLI QHRIDGSQNFNETWENYKYGFGRLDGEFWLGLEKIYSIVKQSNYVLRIELEDWKDNKHIEYSFYLG NHETNYTLHLVAITGNVPNAIPENKDLVFSTWDHKAKGHFNCPEGYSGGWWWHDECGENNLNG KYNKPRAKSKPERRRGLSWKSQNGRLYSIKSTKMLIHPTDSESFEHHHHHHHH
Host	Mammals
Theoretical MW (kDa)	50
Form	Lyophilized
Purity	> 98%
Endotoxin Level	<= 1 EUs/ug (LAL gel clot method)
Activity	Determined by the ability to stimulate IL-8 production by human PBMC using a concentration range of 1-10 ng/mL.
Storage Buffer	Lyophilized from PBS, pH 7.2.
Storage Instruction	Stored at -20°C to -80°C. After reconstitution with sterile water not less than 0.1 mg/mL, store at -20°C to -80°C for 6 months, store at 4°C for 1 month. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

- Functional Study

Gene Info — ANGPTL3

Entrez GeneID	27329
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

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- [Dyslipidemias](#)
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