

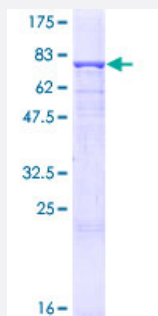
Full-Length

ANGPTL3 (Human) Recombinant Protein (P01)

Catalog # H00027329-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ANGPTL3 full-length ORF (AAH58287, 17 a.a. - 460 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

SRIDQDNSSFDSLSPKSRFAMLDVVKILANGLLQLGHGLKDFVHKTGQINDIFQKLNIFDQSFY
DLSLQTSEIKEEEKELRRTTYKLQVKNEEVKNMSLELSKLESLEEKILLQQKVKYLEEQLTNLIQ
NQPETPEHPEVTSKTFVEKQDNSIKDLLQTVEDQYQLNQQHSQIKEIENQLRRTSIQEPTEISLS
SKPRAPRTTPFLQLNEIRNVKHDGIPAECTTYNRGEHTSGMYAIRPSNSQVFHVYCDVISGSPWTLI
QHRIDGSQNFNETWENYKYGFGRLDGEFWLGLEKYSIVKQSNYVLRLEEDWKDNKHIEYSFYLG
NHETNYTLHLVAITGNVPNAIPENKDLVFSTWDHAKGHFNCPEGYSGGWWWHDEC GENNLNG
KYNKPRAKSKPERRRGLSWKSQNGRLYSIKSTKMLIHPTDSESFE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

74.58

Interspecies Antigen Sequence

Mouse (76); Rat (80)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — ANGPTL3

Entrez GeneID	27329
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GeneBank Accession#	BC058287
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Protein Accession#	AAH58287
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Gene Name	ANGPTL3
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Gene Alias	ANGPT5
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Gene Description	angiopoietin-like 3
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Omim ID	604774
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Gene Ontology	Hyperlink
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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]
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Other Designations	OTTHUMP00000010719 angiopoietin 5
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Disease

- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Dyslipidemias](#)
- [Genetic Predisposition to Disease](#)
- [Hyperlipoproteinemias](#)
- [Hypertriglyceridemia](#)
- [Lipid Metabolism Disorders](#)
- [Obesity](#)