ANGPTL3 (Human) Recombinant Protein

Catalog # P8408 Size 2 x 10 ug

Specification

Product Description	Human ANGPTL3 (Q9Y5C1, 26 a.a. - 233 a.a.) partial-length recombinant protein with His-tag at N-terminal expressed in *Escherichia coli*.
Amount	> 95% by SDS-PAGE
Sequence	MRGSHHHHHHGMASHMSRIDQDNSSFDSLSPEPKSRFAMLDDVKILANGLLQLGHGLKDFVHKT KGQINDIFQKLNIFDQSFYDLSLQTSEIKEEEKELRRTTYKLQVKNEEVKNMSLELNSKLESLLEEKI LLQQKVKYLEEQLTNLIQNQPETPEHPEVTSLKTFVEKQDNSIKDLLQTVEDQYKQLNQQHSQIKEI ENQLRRTSIQEPTEISLSSKPRAP.
Host	Escherichia coli
Theoretical MW (kDa)	26
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Storage Buffer	Lyophilized from 0.05M Acetate buffer pH-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
Protein Accession#	Q9Y5C1
Gene Name	ANGPTL3

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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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