

ANGPTL4 (Human) Recombinant Protein

Catalog # P8412

Size 2 x 10 ug

Specification

Product Description	Human ANGPTL4 (Q9BY76) recombinant protein with His-tag at N-terminal expressed in <i>Escherichia coli</i> .
Amount	> 95% by SDS-PAGE
Sequence	MRGSHHHHHHGMASHMGPVQSKSPRFASWDEMNVLAHGLLQLGQGLREHAERTRSQLSALER RLSACGSACQGTEGSTDLPLAPESRVDPEVLHSLQTQLKAQNSRIQQLFHKVAQQQRHLEKQHL RIQHLQSQFGLLDHKHLDHEVAKPARRKRLPEMAQPVDPAHNVSRHLRLPRDCQELFQVGERQ SGLFEIQPGSGPPFLVNCKMTSDGGWTVIQR.
Host	Escherichia coli
Theoretical MW (kDa)	25
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> 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 — ANGPTL4

Entrez GeneID	51129
Protein Accession#	Q9BY76
Gene Name	ANGPTL4

Gene Alias	ANGPTL2, ARP4, FIAF, HFARP, NL2, PGAR, pp1158
Gene Description	angiopoietin-like 4
Omim ID	605910
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the angiopoietin/angiopoietin-like gene family and encodes a glycosylated, secreted protein with a fibrinogen C-terminal domain. This gene is induced under hypoxic conditions in endothelial cells and is the target of peroxisome proliferation activators. The encoded protein is a serum hormone directly involved in regulating glucose homeostasis, lipid metabolism, and insulin sensitivity and also acts as an apoptosis survival factor for vascular endothelial cells. The encoded protein may play a role in several cancers and it also has been shown to prevent the metastatic process by inhibiting vascular activity as well as tumor cell motility and invasiveness. Decreased expression of this protein has been associated with type 2 diabetes. Alternatively spliced transcript variants encoding different isoforms have been described. This gene was previously referred to as ANGPTL2 but has been renamed ANGPTL4. [provided by RefSeq]
Other Designations	PPARG angiopoietin related protein angiopoietin-like 4 protein angiopoietin-related protein 4 fasting-induced adipose factor hepatic angiopoietin-related protein hepatic fibrinogen/angiopoietin-related protein peroxisome proliferator-activated receptor (P

Pathway

- [PPAR signaling pathway](#)

Disease

- [Amyotrophic lateral sclerosis](#)
- [Anoxia](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Dyslipidemias](#)
- [Edema](#)

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Syndrome](#)
- [Weight Gain](#)