

Recombinant Human ANGPTL4 Protein, FLAG-tagged

Cat. No. ANGPTL4-102H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human ANGPTL4 (Total 392 AA) recombinant protein with C-Terminal Flag-tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	26-406 aa
Molecular Mass	44.2 kDa (calculated)
AA Sequence	<p>GPVQSKSPRFASWDEMNVLAHGLLQLGQGLREHAERTRSQLSALERRLSACGSAC QGTEGSTDLPLAPESRVDPEVLHSLQTQLKAQNSRIQQLFHKVAQQQRHLEKQHLR IQHLQSQFGLLDHKHLDHEVAKPARRKRLPEMAQPVDPAHNVSRLHRLPRDCQELF QVGERQSGLFEIQPQGSPFLVNCKMTSDGGWTVIQRHRDGSVDFNRPWEAYKA GFGDPHGEFWLGLEKVHSITGDRNSRLAVQLRDWDGNAELLQFSVHLGGEDTAYS LQLTAPVAGQLGATTVPPSGLSVPFSTWDQDHDLRRDKNCAKSLSGGWVFGTCS HSNLNGQYFRSIPQQRQKLKKGIFWKTWRGRYYPLQATTMLIQPMAAEAASAAADY KDDDDK</p>
Endotoxin	< 1.0 EU/ug
Purity	Purity as determined by densitometric image analysis: >90%
Applications	WB, ELISA, Cell culture and/or animal studies

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Quality Control Test	<p>BCA to determine quantity of the protein.</p> <p>SDS PAGE to determine purity of the protein.</p> <p>LAL to determine quantity of endotoxin.</p>
Notes	This product is intended for research use only.
Storage	Store the lyophilized protein at –80 centigrade. Lyophilized protein remains stable until the expiry date when stored at –80 centigrade. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at –80 centigrade for long term storage. Reconstituted protein can be stored at 4 centigrade for a week.
Storage Buffer	Filtered (0.4 µm) and lyophilized in 0.5 mg/mL in 0.05 M phosphate buffer, 0.075 M NaCl, pH 7.4
Reconstitution	Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

GENE INFORMATION

Gene Name	ANGPTL4 angiopoietin like 4 [Homo sapiens (human)]
Official Symbol	ANGPTL4
Synonyms	ANGPTL4; angiopoietin like 4; FIAF; NL2; ARP4; FIAF; HARP; PGAR; HFARP; TGQTL; UNQ171; pp1158; angiopoietin-related protein 4; PPARG angiopoietin related protein; fasting-induced adipose factor; hepatic angiopoietin-related protein; hepatic fibrinogen/angiopoietin-related protein; peroxisome proliferator-activated receptor (PPAR) gamma induced angiopoietin-related protein
Gene ID	51129

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mRNA Refseq	NM_001039667
Protein Refseq	NP_001034756
MIM	605910
UniProt ID	Q9BY76

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