

Angiopoietin-related protein 4 (ANGPTL4) Recombinant Protein | ANGPTL4 recombinant protein

Recombinant Human Angiopoietin-related protein 4 (ANGPTL4), partial

CATALOG # AAA113788	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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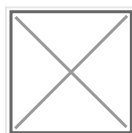
PRODUCT SYNONYMS

Angiopoietin-related protein 4 (ANGPTL4); Recombinant Human Angiopoietin-related protein 4 (ANGPTL4); partial; Angiopoietin-like protein 4; Hepatic fibrinogen/angiopoietin-related protein; HFARP; ANGPTL4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	28-403aa; Partial
Sequence	VQSKSPRFAS WDEMNVLAHG LLQLGQGLRE HAERTRSQLS ALERRLSACG SACQGTEGST DLPLAPESRV DPEVLHSLQT QLKAQNSRIQ QLFHKVAQQQ RHLEKQHLRI QHLQSQFGLL DHKHLDEVA KPARRKRLPE MAQPVDPAHN VSRLHRLPRD CQELFQVGER QSGLFQIPQ GSPFLVNCK MTSDGGWTVI QRRHDGSVDF NRPWEAYKAG FGDPHGEFWL GLEKVHSITG DRNSRLAVQL RDWDGNAELL QFSVHLGGED TAYSLQLTAP VAGQLGATTV PPSGLSVPFS TWDQDHLRR DKNCAKSLSG GWWFGTCSHS NLNGQYFRSI PQRQKLKKG IFWKTWRGRY YPLQATTMLI QPMAAE
Sequence Length	368
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ANGPTL4 recombinant protein	Protein with hypoxia-induced expression in endothelial cells. May act as a regulator of angiogenesis and modulate tumorigenesis. Inhibits proliferation, migration, and tubule formation of endothelial cells and reduces vascular leakage. May exert a protective function on endothelial cells through an endocrine action. It is directly involved in regulating glucose homeostasis, lipid metabolism, and insulin sensitivity. In response to hypoxia, the unprocessed form of the protein accumulates in the subendothelial extracellular matrix (ECM). The matrix-associated and immobilized unprocessed form limits the formation of actin stress fibers and focal contacts in the adhering endothelial cells and inhibits their adhesion. It also decreases motility of endothelial cells and inhibits the sprouting and tube formation.
Product Categories/Family for ANGPTL4 recombinant protein	Cardiovascular

References

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NCBI AND UNIPROT INFORMATION

NCBI GI #	89264696
NCBI GeneID	51129
NCBI Accession #	NP_001034756.1
NCBI GenBank Nucleotide #	NM_001039667.2
UniProt Accession #	Q9BY76; Q53HQ6; Q53HU1; Q6UXN0; Q9HBV4; Q9NZU4; Q9Y5B3; A8MY84; B4E089; D6W670; F5H0I2
Molecular Weight	69.6 kDa
NCBI Official Full Name	angiopoietin-related protein 4 isoform b

NCBI Official Synonym Full Names	angiopoietin like 4
NCBI Official Symbol	ANGPTL4
NCBI Official Synonym Symbols	NL2; ARP4; FIAF; HARP; PGAR; HFARP; TGQTL; UNQ171; pp1158
NCBI Protein Information	angiopoietin-related protein 4
UniProt Protein Name	Angiopoietin-related protein 4
UniProt Gene Name	ANGPTL4
UniProt Synonym Gene Names	ARP4; HFARP; PGAR; HFARP
UniProt Entry Name	ANGL4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/angptl4-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113788>