

Recombinant Full Length Human ANGPTL1 Protein, GST-tagged

Cat. No. ANGPTL1-1086HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ANGPTL1 full-length ORF (AAH50640, 24 a.a. - 491 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	24-491 amino acids
Description	Angiopoietins are members of the vascular endothelial growth factor family and the only known growth factors largely specific for vascular endothelium. Angiopoietin-1, angiopoietin-2, and angiopoietin-4 participate in the formation of blood vessels. The protein encoded by this gene is another member of the angiopoietin family that is widely expressed in adult tissues with mRNA levels highest in highly vascularized tissues. This protein was found to be a secretory protein that does not act as an endothelial cell mitogen in vitro. [provided by RefSeq, Jul 2008]
Molecular Mass	77.22 kDa
AA Sequence	GQFKIKKINQ RRYPRATDGK EEAKKCAYTF LVPEQRITGP ICVNTKGQDA STIKDMITRM DLENLKDVLS RQKREIDVLQ LVVDVDGNIV NEVKLLRKES RNMNSRVTLQ YMQLLHEIIR KRDNSLELSQ LENKILNVTT EMLKMATRYR ELEVKYASLT DLVNNQSVMI TLLEEQCLRI FSRQDTHVSP PLVQVVPQHI PNSQQYTPGL LGGNEIQRDP GYPRDLMPPP DLATSPTKSP FKIPPVTFIN

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EGPFKDCQQA KEAGHSVSGI YMIKPENSNG PMQLWCENSL DPGGWTVIQK
 RTDGSVNFFR NWENYKKGFG NIDGEYWLGL ENIYMLSNQD NYKLLIELED
 WSDKKVYAEY SSFRLEPESE FYRLRLGTYQ GNAGDSMMWH NGKQFTTLDR
 DKDMYAGNCA HFHKGGWWYN ACAHSNLNGV WYRGGHYRSK HQDGIFWAEY
 RGGSYSLRAV QMMIKPID

Applications

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

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

ANGPTL1 angiopoietin-like 1 [Homo sapiens]

Official Symbol

ANGPTL1

Synonyms

ANGPTL1; angiopoietin-like 1; ANGPT3; angiopoietin-related protein 1; ANG3;
 angioarrestin; AngY; ARP1; ANG-3; angiopoietin 3; angiopoietin-3; angiopoietin Y1;
 angiopoietin-like protein 1; dJ595C2.2 (angiopoietin Y1); UNQ162; dJ595C2.2;
 KIAA0351

Gene ID

9068

mRNA Refseq

NM_004673

Protein Refseq

NP_004664

MIM

603874

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UniProt ID

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