

Recombinant Human ANGPTL1 protein, GST-tagged

Cat. No. ANGPTL1-553H **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	Wheat Germ
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	GQFKIKKINQRRYP RATDGKEEAKKCAYTFLVPEQRITGPICVNTKGQDASTIKDMIT RMDLENLKDVL SRQKREIDVLQLVVDVDGNIVNEVKLLRKESRNMNSRVTQLYMQLL HEIIRKRDNSLELSQLENKILNVTTEMLKMATRYRELEVKYASLTDLVNNQSVMITLLE EQCLRIFSRQDTHVSPPLVQVVPQHIPNSQQYTPGLLGNEIQRDPGYPRDLMPPP DLATSPTKSPFKIPPVTFINEGPFKDCQQAKEAGHSVSGIYMIKPENSNGPMQLWCE NSLDPGGWTVIQKRTDGSVNFFRNWENYKKGFGNIDGEYWLGLENIYMLSNQDNY KLLIELEDWSDKKVYAEYSSFRLEPESEFYRLRLGTYQGNAGDSMMWHNGKQFTTL

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	DRDKDMYAGNCAHFHKGGWWYNACAHSNLNGVWYRGGHYRSKHQDGIFWAEYR GGSYSRLRAVQMMIKPID
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
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 angiotensin-like 1 [Homo sapiens]
Official Symbol	ANGPTL1
Synonyms	ANGPTL1; angiotensin-like 1; ANGPT3; angiotensin-related protein 1; ANG3; angiotensin; AngY; ARP1; ANG-3; angiotensin 3; angiotensin-3; angiotensin Y1; angiotensin-like protein 1; dJ595C2.2 (angiotensin Y1); UNQ162; dJ595C2.2; KIAA0351;
Gene ID	9068
mRNA Refseq	NM_004673
Protein Refseq	NP_004664
MIM	603874

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