

## Recombinant Human ANGPTL1, FLAG-tagged

**Cat. No.** ANGPTL1-26572TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment corresponding to amino acids 197-491 of Human ANGPTL1 with an N terminal DDDDK tag; MWt 35 kDa .
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	295 amino acids
<b>Description</b>	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.
<b>Conjugation</b>	FLAG
<b>Molecular Weight</b>	35.000kDa inclusive of tags
<b>Tissue specificity</b>	Highly expressed in adrenal gland, placenta, thyroid gland, heart, skeletal muscle and small intestine. Weakly expressed in testis, ovary, colon, pancreas, kidney and stomach.

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<b>Form</b>	Liquid
<b>Purity</b>	>90% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: PBS
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Sequence Similarities</b>	Contains 1 fibrinogen C-terminal domain.

## GENE INFORMATION

<b>Gene Name</b>	ANGPTL1 angiotensin-like 1 [ Homo sapiens ]
<b>Official Symbol</b>	ANGPTL1
<b>Synonyms</b>	ANGPTL1; angiotensin-like 1; ANGPT3; angiotensin-related protein 1; ANG3; angioarrestin; AngY; ARP1;
<b>Gene ID</b>	9068
<b>mRNA Refseq</b>	NM_004673
<b>Protein Refseq</b>	NP_004664
<b>MIM</b>	603874
<b>Uniprot ID</b>	O95841
<b>Chromosome Location</b>	1p36.13-q31.3

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**Function**

receptor binding;

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