Recombinant Human ANGPTL1 protein, His-tagged

Cat. No. ANGPTL1-7867H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANGPTL1 aa. (Phe271~Asp491 (Accession # O95841)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Phe271~Asp491
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.0kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%

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Characteristic	The isoelectric point is 6.5.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	ANGPTL1 angiopoietin like 1 [Homo sapiens (human)]
Official Symbol	ANGPTL1
Synonyms	ANGPTL1; angiopoietin like 1; ANG3; ARP1; AngY; ANGPT3; UNQ162; dJ595C2.2; angiopoietin-related protein 1; ANG-3; angioarrestin; angiopoietin 3; angiopoietin Y1; angiopoietin-like protein 1; dJ595C2.2 (angiopoietin Y1)
Gene ID	9068
mRNA Refseq	NM_004673.3
Protein Refseq	NP_004664.1

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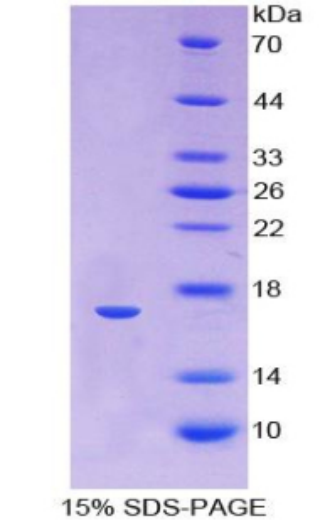
UniProt ID	O95841
SDS-PAGE	

15% SDS-PAGE

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