

Recombinant Human ANGPTL1 Protein, His tagged

Cat. No. ANGPTL1-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANGPTL1 Protein (39-491 aa) with C-His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	39-491 aa
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.
Source	HEK293
Species	Human
Tag	C-His
Molecular Weight	53 kDa

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AA Sequence

ATDGKEEAKKCAYTFLVPEQRITGPICVNTKGQDASTIKDMITRMDLENLKDVL SRQK
 REIDVLQLVVDVDGNIVNEVKLLRKESRNMNSRVTQLYMQLLHEIRKRDNSLELSQL
 ENKILNVTTEMLKMATRYRELEVKYASLTDLVNNQSVMITLLEEQLRIFSRQDTHVS
 PPLVQVVPQHIPNSQQYTPGLLGGNEIQRDPGYPRDLMPPPDLATSPTKSPFKIPPV
 TFINEGPFKDCQQAKEAGHSVSGIYMIKPENSNGPMQLWCENSLDPGGWTVIQKRT
 DGSVNFFRNWENYKKGFGNIDGEYWLGLENIYMLSNQDNYKLLIELEDWSDKKVYA
 EYSSFRLEPESEFYRLRLGTYQGNAGDSMMWHNGKQFTTLDRDKDMYAGNCAHF
 HKGGWWYNACAHSNLNGVWYRGGHYRSKHQDGIFWAEYRGGSYSLRAVQMMIK
 PIDHHHHHHHH

Endotoxin

< 1 EU/μg by LAL

Purity

> 90% by SDS-PAGE

Storage

Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer

Sterile PBS, pH7.0, 10% Glycerol, 8% Trehalose

Concentration

1 mg/mL by Bradford

GENE INFORMATION
Gene Name

ANGPTL1 angiopoietin-like 1 [Homo sapiens (human)]

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

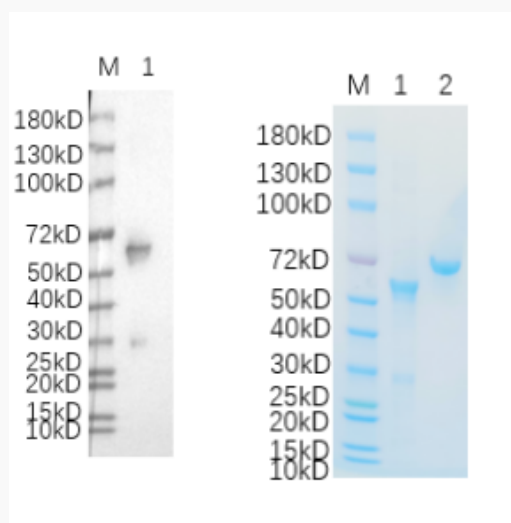
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Gene ID	9068
mRNA Refseq	NM_004673
Protein Refseq	NP_004664
MIM	603874
UniProt ID	O95841

Reducing 4%-20%
SDS-PAGE (CBB
stained) and WB
(Anti-His Mouse
Monoclonal
antibody) analysis
profiles of purified
ANGPTL1.



1. ANGPTL1: 1 µg
2. BSA: 1 µg