Angiopoietin Like Protein 1 (ANGPTL1) Recombinant Protein | ANGPTL1 recombinant protein

Recombinant Angiopoietin Like Protein 1 (ANGPTL1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134502	**E.coli**	**Homo sapiens (Human)**	**Western Blot, SDS-Page**

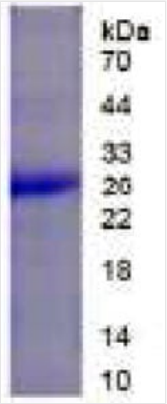
PRODUCT SYNONYMS

Angiopoietin Like Protein 1 (ANGPTL1); Recombinant Angiopoietin Like Protein 1 (ANGPTL1); ANGPTL1 recombinant protein

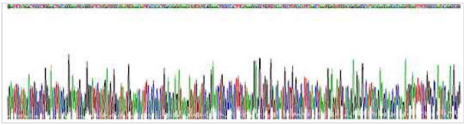
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 400ug/mL (varies by lot)
Sequence	FINEGPFKDC QQAKEAGHSV SGIYMIKPEN SNGPMQLWCE NSLDPGGWTV IQKRTDGSVN FFRNWENYKK GFGNIDGEYW LGLENIYMLS NQDNYKLLIE LEDWSDKKVY AEYSSFRLEP ESEFYRLRLG TYQGNAGDSM MWHNGKQFTT LDRDKDMYAG NCAHFHKGGW WYNACAHSNL NGVWYRGGHY RSKHQDGIFW AEYRGGSYSL RAVQMMIKPI D
Applicable Applications for ANGPTL1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Phe271~Asp491
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.5
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	**Storage:** Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. **Stabilty Test:** 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.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757752
NCBI GeneID	9068
NCBI Accession #	NP_004664.1
NCBI GenBank Nucleotide #	NM_004673.3
UniProt Accession #	O95841; Q5T5Z5
Molecular Weight	Predicted Molecular Mass: 27.0kDa Accurate Molecular Mass: 27kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	angiopoietin-related protein 1
NCBI Official Synonym Full Names	angiopoietin-like 1
NCBI Official Symbol	ANGPTL1
NCBI Official Synonym Symbols	ANG3; ARP1; AngY; ANGPT3; UNQ162; dJ595C2.2
NCBI Protein Information	angiopoietin-related protein 1; ANG-3; angioarrestin; angiopoietin 3; angiopoietin-3; angiopoietin Y1; angiopoietin-like protein 1; dJ595C2.2 (angiopoietin Y1)
UniProt Protein Name	Angiopoietin-related protein 1
UniProt Gene Name	**ANGPTL1**
UniProt Synonym Gene Names	ANG3; ANGPT3; ARP1; ANG-3
UniProt Entry Name	ANGL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/angptl1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134502