Angiopoietin-1 (Angpt1) Recombinant Protein | Angpt1 recombinant protein

Recombinant Mouse Angiopoietin-1 (Angpt1)

CATALOG #	HOST
AAA114475	**E Coli or Yeast or Baculovirus or Mammalian Cell**

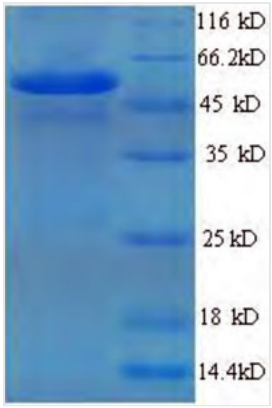
PRODUCT SYNONYMS

Angiopoietin-1 (Angpt1); Recombinant Mouse Angiopoietin-1 (Angpt1); Angpt1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	20-498, Full length protein
Sequence	SNQRRNPENG GRRYNRIQHG QCAYTFILPE HDGNCRESAT EQYNTNALQR DAPHVEPDFS SQKLQHLEHV MENYTQWLQK LENYIVENMK SEMAQIQQNA VQNHTATMLE IGTSLLSQTA EQTRKLTDVE TQVLNQTSRL EIQLLENSLS TYKLEKQLLQ QTNEILKIHE KNSLLEHKIL EMEGKHKEEL DTLKEEKENL QGLVSRQTFI IQELEKQLSR ATNNNSILQK QQLELMDTVH NLISLCTKEG VLLKGGKREE EKPFRDCADV YQAGFNKSGI YTIYFNNMPE PKKVFCNMDV NGGGWTVIQH REDGSLDFQR GWKEYKMGFG NPSGEYWLGN EFIFAITSQR QYMLRIELMD WEGNRAYSQY DRFHIGNEKQ NYRLYLKGHT GTAGKQSSLI LHGADFSTKD ADNDNCMCKC ALMLTGGWWF DACGPSNLNG MFYTAGQNHG KLNGIKWHYF KGPSYSLRST TMMIRPLDF
Sequence Length	479
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Angpt1 recombinant protein	Angiopoietins are proteins with important roles in vascular development and angiogenesis. All angiopoietins bind with similar affinity to an endothelial cell-specific tyrosine-protein kinase receptor. This protein is a secreted glycoprotein that activates the receptor by inducing its tyrosine phosphorylation. It plays a critical role in mediating reciprocal interactions between the endothelium and surrounding matrix and mesenchyme. The protein also contributes to blood vessel maturation and stability, and may be involved in early development of the heart.

NCBI AND UNIPROT INFORMATION

NCBI GI #	46048213
NCBI GeneID	11600
NCBI Accession #	NP_033770.2
NCBI GenBank Nucleotide #	NM_009640.4
UniProt Accession #	O08538; Q6NWV7
Molecular Weight	57,519 Da
NCBI Official Full Name	angiopoietin-1 isoform 1
NCBI Official Synonym Full Names	angiopoietin 1
NCBI Official Symbol	Angpt1
NCBI Official Synonym Symbols	Ang1; Ang-1; 1110046O21Rik
NCBI Protein Information	angiopoietin-1
UniProt Protein Name	Angiopoietin-1
UniProt Gene Name	**Angpt1**
UniProt Synonym Gene Names	Agpt; ANG-1

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://stage.aaabiotech.com/angpt1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114475