

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

Recombinant Rat Angiopoietin-1 (Angpt1)

CATALOG # AAA115078	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Angiopoietin-1 (Angpt1); Recombinant Rat 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	20-497aa; Full Length of Mature Protein
Sequence	SNQRRSPENG GRRYNRIQHG QCAYTFILPE HDGNCRSAT EQYNTNALQR DAPHVETDFS SQKLQHLEHV MENYTQWLQK LENYIVENMK SEMAQIQNA VQNHTATMLE IGTSLLSQTAEQTRKLT DVE TQVLNQTSRL EIQLLENSLS TYELEKQLLQ QTNEILKIQE KNSLLEHKIL EMEGKHKEEL DTLKEEKENL QGLVTRQTFI IQELEKQLSR ATSNNSVLQK QQLELMDTVH NLVSLCTKEV LLKGGKREEE KPFRDCADVY QAGFNKSGIY TIYFNNMPEP KKVFCNMDVN EGGWTVIQHR EDGSLDFQRG WKEYKMGFGN PSGEYWLGNF FIFAITSQRQ YMLRIELMDW EGNRAYSQYD RFHIGNQKQN YRLYLKGHTG TAGKQSSLIL HGADFSTKDA DNDNCMCKCA LMLTGGWWFD ACGPSNLNGM FYTAGQNHGK LNGIKWHYFK GPSYSLRSTT MMIRPLDF
Species	Rat
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 #	23308739
NCBI GeneID	89807
NCBI Accession #	NP_445998.1
NCBI GenBank Nucleotide #	NM_053546.1
UniProt Accession #	O35460; Q8K4Q4
Molecular Weight	57.4 kDa
NCBI Official Full Name	angiotensinogen
NCBI Official Synonym Full Names	angiotensinogen 1
NCBI Official Symbol	Angpt1
NCBI Official Synonym Symbols	Agpt; Agpt1; Ang-1
NCBI Protein Information	angiotensinogen
UniProt Protein Name	Angiotensinogen
UniProt Gene Name	Angpt1
UniProt Synonym Gene Names	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://www.aaabiotech.com/angpt1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115078>