

Angiopoietin 2 Recombinant Protein | ANGPT2 recombinant protein

Angiopoietin 2 protein

CATALOG #
AAA75268

PRODUCT SYNONYMS

Angiopoietin 2; Angiopoietin 2 protein; Angiopoietin-2 protein; ANGPT 2 protein; Angiopoietin-2; Angiopoietin2 protein; ANGPT2 protein; KIAA0003 protein; ANG 2 protein; ANG2 protein; AGP 2 protein; AGPT protein; AGP2 protein; ANGPT2 recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	> 95% by SDS-PAGE and HPLC
Form/Format	Lyophilized from 10mM sodium phosphate buffer, pH8.0. Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not Vortex!
Concentration	20 ug lyophilized (varies by lot)
Sequence Length	496
Source	CHO cells
Protein Type	Recombinant
Biological Significance	The angiopoietin (Ang) family of growth factors includes four members, all of which bind to the endothelial receptor tyrosine kinase Tie2. Two of the Angs, Ang-1 and Ang-4, activate the Tie2 receptor, whereas Ang-2 and Ang-3 inhibit Ang-1-induced Tie2 phosphorylation. Angiopoietin-1 (Ang-1) is a secreted growth factor which binds to and activates the Tie-2 receptor tyrosine kinase.
Expression System	Sf-9 insect cells
Contaminants	Endotoxin: <0.1ng/ug
Biohazard	Use appropriate laboratory precautions when handling this product.
Preparation and Storage	Ships ambient or refrigerated; after receipt, store at 4 degree C short term, -20 degree C long term. Avoid repeated freeze/thaw cycles. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (e.g. 0.1% BSA) and store in working aliquots at -20 degree C.

ADDITIONAL INFORMATION

Related Product Information for ANGPT2 recombinant protein	Purified recombinant Human Angiopoietin 2 protein
Product Categories/Family for ANGPT2 recombinant protein	Differentiation & Development

NCBI AND UNIPROT INFORMATION

NCBI GI #	116496775
NCBI GeneID	285
UniProt Accession #	O15123 ; Q9NRR7 ; Q9P2Y7 ; A0AV38 ; A8K205 ; B7ZLM7
Molecular Weight	66 kDa
NCBI Official Full Name	Angiopoietin 2

NCBI Official Synonym Full Names	angiopoietin 2
NCBI Official Symbol	ANGPT2
NCBI Official Synonym Symbols	ANG2; AGPT2
NCBI Protein Information	angiopoietin-2
UniProt Protein Name	Angiopoietin-2
UniProt Gene Name	ANGPT2
UniProt Synonym Gene Names	ANG-2
UniProt Entry Name	ANGP2_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://stage.aaabiotech.com/angpt2-recombinant-protein/75268>