

Active Recombinant Human ANGPT2 protein, His-tagged

Cat. No. ANGPT2-3182H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human ANGPT2 protein(NP_001138.1) (Met 1-Phe 496) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-496 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	1. Measured by its ability to bind recombinant human Tie2-His in a functional ELISA. 2. Measured by its ability to bind recombinant human Tie2-Fch in a functional ELISA.
Molecular Mass	The recombinant human Ang2 consists of 489 amino acids and predicts a molecular mass of 56.3 kDa. As a result of glycosylation, the rhAng2 migrates as approximately 60-70 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 92 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [ANGPT2 angiopoietin 2 \[Homo sapiens \]](#)

Official Symbol [ANGPT2](#)

Synonyms [ANGPT2](#); [angiopoietin 2](#); [angiopoietin-2](#); [Ang2](#); [ANG-2](#); [Tie2-ligand](#); [angiopoietin-2B](#); [angiopoietin-2a](#); [ANG2](#); [AGPT2](#);

Gene ID [285](#)

mRNA Refseq [NM_001118887](#)

Protein Refseq [NP_001112359](#)

MIM [601922](#)

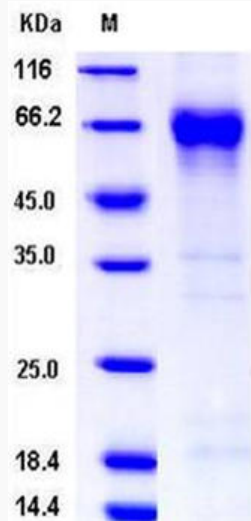
UniProt ID [O15123](#)

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SDS-PAGE



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