

Active Recombinant Human ANGPT2 protein, His-tagged

Cat. No. ANGPT2-244H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human ANGPT2 protein(NP_001138.1) (Lys275-Phe496) was expressed in HEK293 with a polyhistidine tag at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	275-496 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human ANGPT2 at 10 µg/ml (100 µl /well) can bind human Tie2-Fch, The EC50 of human Tie2-Fch is 0.1-0.3µg/ml.
Molecular Mass	The recombinant human ANGPT2 consists 241 amino acids and predicts a molecular mass of 27.8 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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](#)

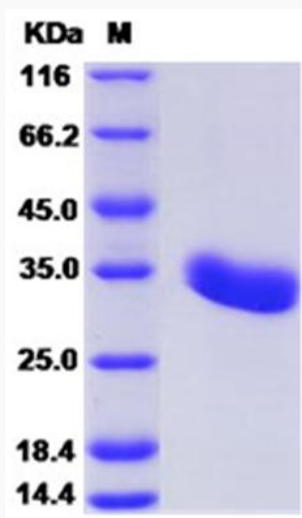
UniProt ID [O15123](#)

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SDS-PAGE



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