Active Recombinant Human ANGPT2 Protein (Met1-Phe496), His-tagged

Cat. No. ANGPT2-415H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANGPT2 Protein (NP_001138.1) (Met1-Phe496) was produced by CHO Stable Cells expression system. This protein was expressed with a polyhistidine tag at the C-terminus.
Species	Human
Source	CHO
ProteinLength	Met1-Phe496
Form	Lyophilized from sterile 20 mM MOPS, 150 mM NaCl, 0.05 % CHAPS, pH 7.0.
Bio-activity	Immobilized Human Ang2 His at 2 μg/ml (100 μl/well) can bind Human TIE2 Fch, the EC50 of Human TIE2 Fch is 80-480 ng/mL.
Molecular Mass	The recombinant human ANGPT2 consists of 489 amino acids and predicts a molecular mass of 56.4 kDa. As a result of glycosylation, it migrates as an approximately 62.6 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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

	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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

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