

Active Recombinant Human ANGPT2 Protein, His-tagged

Cat. No. ANGPT2-933H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANGPT2 (Accession # O15123) Tyr19-Phe496, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Protein Length	Tyr19-Phe496
Predicted N Terminal	Tyr19
Form	Lyophilized from a 0.2 µm filtered solution in MOPS, NaCl, CHAPS and PEG with BSA as a carrier protein.
Bio-activity	Measured by its ability to activate Tie-2 in C6 rat glial cells transfected with human Tie-2. 0.2 µg/mL of Recombinant Human Angiopoietin-2 significantly induces phosphorylation of human Tie-2.
Molecular Mass	Recombinant Human ANGPT2, His-tagged has a calculated MW of 50.1 kDa. In SDS-PAGE migrates as 66 kDa, reducing conditions.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

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
Chromosome Location	8p23

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