Active Recombinant Human ANGPT2 Protein, His-tagged Protein, Biotinylated

Cat. No. ANGPT2-934H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANGPT2 (Accession # O15123) Tyr19-Phe496, fused with a C-terminal His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Tyr19-Phe496
Predicted N Terminal	Tyr19
Form	Lyophilized from a 0.2 μm filtered solution in Tris, NaCl and CHAPS with BSA as a carrier protein.
Bio-activity	Measured by its binding ability in a functional ELISA.Immobilized rhTie-2/Fc Chimera at 4 μg/mL (100 μl/well) can bind biotinylated rhAngiopoietin-2 with a linear range of 0.5-100 ng/mL.
Molecular Mass	In SDS-PAGE, Recombinant Human ANGPT2, His-tagged migrates as 66 kDa under reducing conditions.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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Conjugation	Biotin

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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