

Recombinant Human ANGPT2 protein, His-Avi-tagged

Cat. No. ANGPT2-6523H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANGPT2 protein(O15123-1)(Lys275-Phe496), fused with N-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Lys275-Phe496
Tag	N-His-Avi
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human ANGPT2, His Tag at 2µg/ml (100µl/well). Dose response curve for Anti-ANGPT2 Antibody, hFc Tag with the EC50 of 17.8ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 28.4 kDa. Due to glycosylation, the protein migrates to 30-35 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

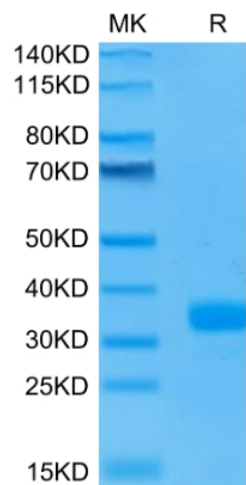
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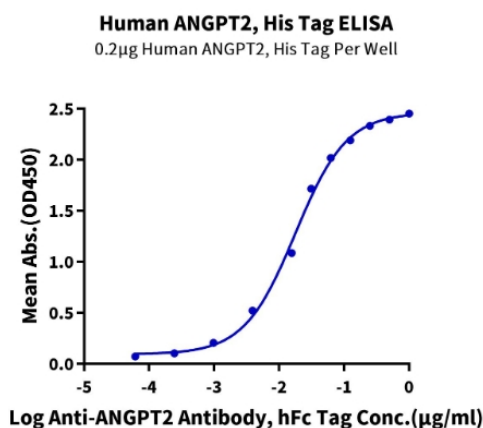
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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
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

Tris-Bis PAGE



ELISA Data



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