Recombinant Human ANGPTL3 protein, His-Avi-tagged

Cat. No. ANGPTL3-951H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANGPTL3 protein(Q9Y5C1)(Ser17-Lys219), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ser17-Lys219
Tag	C-His-Avi
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human ANGPTL3, His Tag at 1 μg/ml (100μl/Well). Dose response curve for Anti-ANGPTL3 Antibody, hFc Tag with the EC50 of 42.3ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 26.6 kDa. Due to glycosylation, the protein migrates to 30-38 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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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	ANGPTL3 angiopoietin-like 3 [Homo sapiens]
Official Symbol	ANGPTL3
Synonyms	ANGPTL3; angiopoietin-like 3; ANGPT5; angiopoietin-related protein 3; angiopoietin 5; ANG-5; FHBL2;
Gene ID	27329
mRNA Refseq	NM_014495
Protein Refseq	NP_055310
MIM	604774
UniProt ID	Q9Y5C1

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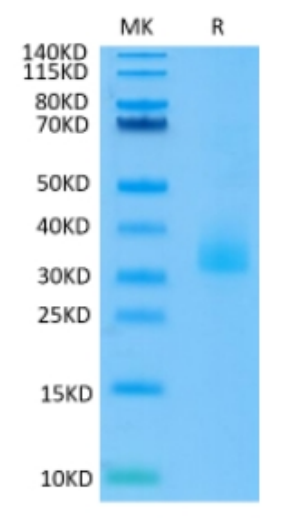
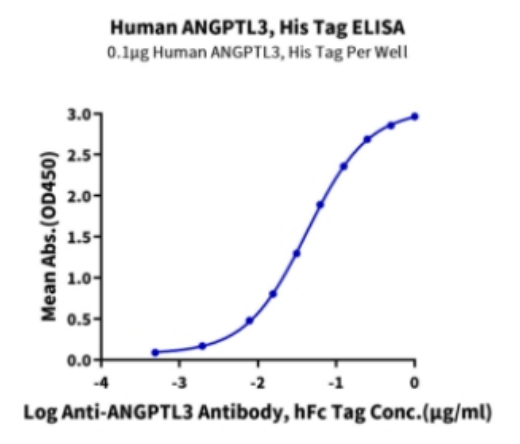
Tris-Bis PAGE	
ELISA Data	

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