

Active Recombinant Human FLT3 protein, hFc-tagged, Low Endotoxin

Cat. No. FLT3-4411H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FLT3 protein(P36888-1)(Asn27-Asn541), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	27-541 aa
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 FLT3 Ligand, His Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Human FLT3, hFc Tag with the EC50 of 13.4ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 84.9 kDa. Due to glycosylation, the protein migrates to 100-120 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [FLT3 fms-related tyrosine kinase 3 \[Homo sapiens \]](#)

Official Symbol [FLT3](#)

Synonyms FLT3; fms-related tyrosine kinase 3; receptor-type tyrosine-protein kinase FLT3; CD135; FLK2; STK1; STK-1; CD135 antigen; FL cytokine receptor; fetal liver kinase 2; fms-like tyrosine kinase 3; stem cell tyrosine kinase 1; growth factor receptor tyrosine kinase type III; FLK-2;

Gene ID [2322](#)

mRNA Refseq [NM_004119](#)

Protein Refseq [NP_004110](#)

MIM [136351](#)

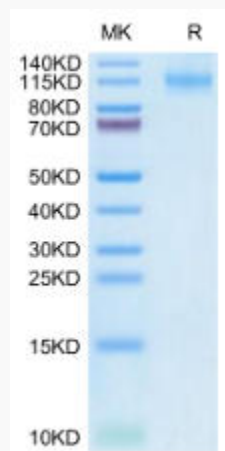
UniProt ID [P36888](#)

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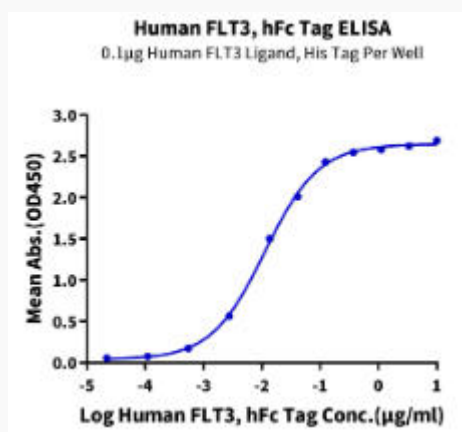
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Bis-Tris PAGE



ELISA Data



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