

Active Recombinant Human FLT3LG protein, hFc-tagged, Low Endotoxin

Cat. No. FLT3LG-764H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FLT3LG protein(P49771-1)(Thr27-Pro185), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	27-185 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose and 0.01% tween is added as protectant before lyophilization.
Bio-activity	Immobilized Human FLT3, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human FLT3 Ligand, hFc Tag with the EC50 of 35.7ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 44.8 kDa. Due to glycosylation, the protein migrates to 90-118 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; > 95% as determined by HPLC
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

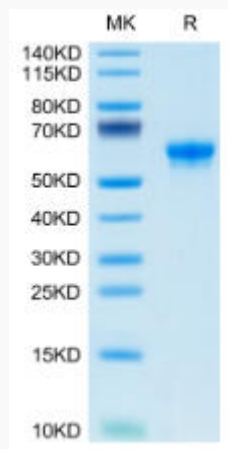
Gene Name	FLT3LG fms-related tyrosine kinase 3 ligand [Homo sapiens]
Official Symbol	FLT3LG
Synonyms	FLT3LG; fms-related tyrosine kinase 3 ligand; flt3 ligand; FL; FLT3L;
Gene ID	2323
mRNA Refseq	NM_001204502
Protein Refseq	NP_001191431
MIM	600007
UniProt ID	P49771

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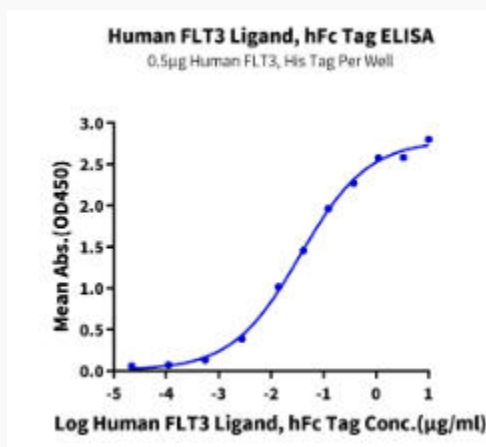
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Bis-Tris PAGE



ELISA Data



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