

Recombinant Human FLT3LG protein, hFc-tagged

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	Thr27-Pro185
Tag	C-hFc
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 Human FLT3, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Human FLT3 Ligand, hFc Tag with the EC50 of 12.3ng/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 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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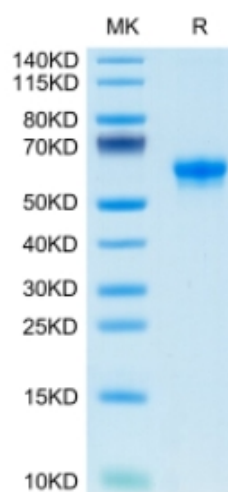
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GENE INFORMATION	
Gene Name	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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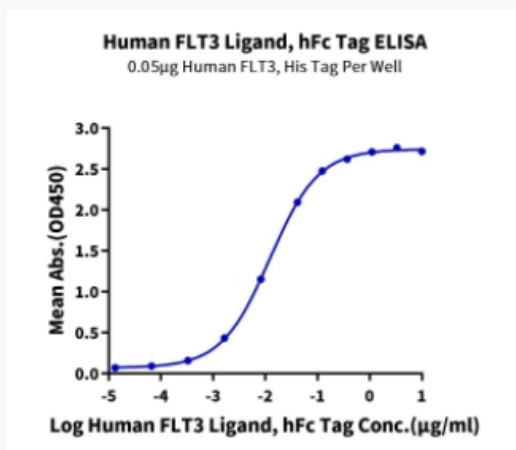
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Tris-Bis PAGE



ELISA Data



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