

Recombinant Human FLT3LG Protein, His&GST-tagged

Cat. No. FLT3LG-1507H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FLT3LG Protein (Met83-Gln183) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met83-Gln183
Description	Dendritic cells (DCs) provide the key link between innate and adaptive immunity by recognizing pathogens and priming pathogen-specific immune responses. FLT3LG controls the development of DCs and is particularly important for plasmacytoid DCs and CD8 (see MIM 186910)-positive classical DCs and their CD103 (ITGAE; MIM 604682)-positive tissue counterparts (summary by Sathaliyawala et al., 2010 [PubMed 20933441]).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 41.4 kDa Accurate Molecular Mass: 43 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	FLT3LG fms related receptor tyrosine kinase 3 ligand [Homo sapiens (human)]
Official Symbol	FLT3LG
Synonyms	FLT3LG; fms related receptor tyrosine kinase 3 ligand; FL; FLG3L; FLT3L; fms-related tyrosine kinase 3 ligand; flt3 ligand; fms related tyrosine kinase 3 ligand
Gene ID	2323
mRNA Refseq	NM_001204502
Protein Refseq	NP_001191431
MIM	600007

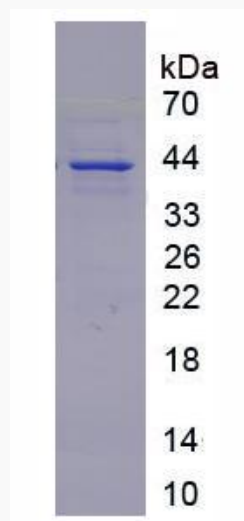
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