

Recombinant Human FLT3LG protein(Thr27-Pro185), His-tagged

Cat. No. FLT3LG-8532H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FLT3LG (P49771-1) (Thr27-Pro185) was expressed in Insect Cells, with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Thr27-Pro185
Form	Lyophilized from sterile 20mM Tris, 300mM NaCl, 10%glycerol, pH 7.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured in a cell proliferation assay using BaF3 mouse proB cells transfected with mouse Flt3. The ED50 for this effect is typically 2-11 ng/mL.
Molecular Mass	The recombinant human human FLT3LG consists of 175 amino acids and predicts a molecular mass of 20.2 KDa. It migrates as an approximately 27 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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