

Active Recombinant Feline FLT3LG, His-tagged

Cat. No. FLT3LG-636F Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Feline FLT3LG (Accession # NP_001009842) Ser27-Pro185, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Feline
Source	Mammalian Cells
ProteinLength	27-185 a.a.
Predicted N Terminal	Ser27
Form	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured in a cell proliferation assay using BaF3 mouse pro-B cells transfected with mouse Flt-3. The ED50 for this effect is typically 0.5 - 2 ng/mL.
Molecular Mass	Recombinant Feline FLT3LG, His-tagged has a calculated MW of 18.5 kDa. In SDS-PAGE migrates as 25-33 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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Reconstitution

Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name FLT3LG fms-related tyrosine kinase 3 ligand [Felis catus (domestic cat)]

Official Symbol FLT3LG

Synonyms FLT3LG; fms-related tyrosine kinase 3 ligand; Flt3 ligand

Gene ID 493796

mRNA Refseq NM_001009842

Protein Refseq NP_001009842

MIM

**Chromosome
Location** E2

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