

flt-3-Ligand, murine recombinant protein
Fms-related tyrosine kinase 3 ligand
Catalog # PBV10079r**Specification**

flt-3-Ligand, murine recombinant protein - Product info

Primary Accession [P49772](#)
Calculated MW **16.4 kDa KDa**

flt-3-Ligand, murine recombinant protein - Additional Info

Gene ID **14256**
Gene Symbol **Flt3-L**
Other Names
Fms-related tyrosine kinase 3 ligand, Short name=Flt3 ligand, Short name=Flt3L, SL cytokine

Gene Source **Mouse**
Source **E. coli**
Assay&Purity **SDS-PAGE; ≥98%**
Assay2&Purity2 **HPLC; ≥98%**
Recombinant **Yes**
Results **5-8 ng/ml**
Target/Specificity
Flt-3 Ligand

Application Notes

Reconstitute in H₂O to a concentration of 0.1 – 1.0 mg/ml. The solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

Format

Lyophilized protein

Storage

-20°C; Sterile filtered and lyophilized with no additives.

flt-3-Ligand, murine recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

flt-3-Ligand, murine recombinant protein - Images

flt-3-Ligand, murine recombinant protein - Background

Flt3-Ligand belongs to a small group of growth factors that regulate proliferation of early hematopoietic cells. Multiple isoforms of Flt3-Ligand have been identified. The predominant form is the transmembrane which is biologically active on the cell surface. The proteolytically cleaved transmembrane isoform generates a soluble form, which is also biologically active. Flt3-Ligand binds to cells expressing the tyrosine kinase receptor Flt3. Flt3-Ligand alone cannot stimulate proliferation, but synergizes well with other CSFs and interleukins to induce growth and differentiation. Recombinant murine flt3-Ligand is a 16.4 kDa protein containing 144 amino acid residues.