

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 Calculated MW

<u>P49772</u> 16.4 kDa KDa

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

Gene ID14256Gene SymbolFlt3-LOther NamesFms-related tyrosine kinase 3 ligand, Short name=Flt3 ligand, Short name=Flt3L, SL cytokine

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

Application Notes Reconstitute in H_2O 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.

- <u>Western Blot</u>
- <u>Blocking Peptides</u>
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

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.