

Human Flt3 Ligand Recombinant Protein



RPPB0258

Product Information Protein Information

Product SKU:

RPPB0258

Accession:

P49771

Host:

Escherichia Coli.

Protein description:

Flt3-Ligand Human Recombinant produced in E.Coli is a non-glycosylated, polypeptide chain containing 165 amino acids (including his tag) and having a molecular mass of 18.9 kDa. Flt3-Ligand is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Fms-related tyrosine kinase 3 ligand, FLK2, STK1, CD135, Stem Cell Tyrosine Kinase 1, FLT3LG, Flt3.

Formulation:

The protein was lyophilized with PBS.

Purity:

Greater than 97 % as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Flt3-L in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Flt3-Ligand although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Flt3-Ligand should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Biological Activity:

The activity was measured in a cell proliferation assay using OCI-AML5 cells (ATCC ACC 247). The EC₅₀ for this effect is typically 0.2-1 ng/mL.