

Rhesus Macaque Flt3-Ligand Recombinant Protein



RPPB0261

Product Information Protein Information

Product SKU:

RPPB0261

Host:

Escherichia Coli.

Protein description:

Flt3 Ligand Rhesus Macaque Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 159 amino acids and having a molecular mass of 18.0kDa. The Flt3 Ligand Rhesus Macaque 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:

Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4.

Purity:

Greater than 97.0% as determined by SDS-PAGE.

Solubility:

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

Stability:

Lyophilized Flt3 Ligand Rhesus Macaque although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Flt3 Ligand Rhesus Macaque should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Amino Acid Sequence:

TQDCSFQHSP ISSDFAVKIR ELSDYLLQDY PVTVP SNLQD EELCGALWRL VLAQRWMERL KTVAGSKMQG
LLERVNTEIH FVTKCAFQHP PSCLRFVQTN ISRLLETSE QLVALKPWIT RQNFSCRLEL QCQPDSSSTLP
PPRSPGALEA TALTAPQRP

Biological Activity:

The ED₅₀ as calculated by the dose-dependant stimulation of the proliferation of human AML5 cells is less than 1.0ng/ml, corresponding to a specific activity of 1,000,000IU/mg.