

Porcine Flt3 Ligand Recombinant Protein



RPPB0262

Product Information Protein Information

Product SKU:

RPPB0262

Accession:

P49771

Host:

Escherichia Coli.

Protein description:

Flt3-Ligand Porcine Recombinant produced in E.Coli is a non-glycosylated, polypeptide chain containing 155 amino acids and having a molecular mass of approximately 17.3kDa. 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 is lyophilized with 10mM Sodium Phosphate pH-7.5.

Purity:

Greater than 95.0% 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 Porcine 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.

Amino Acid Sequence:

MSPDCSFPHS PISSTFANTI RQLSDYLLQD YPVTVASNLQ DDELCGAFWR LVLAQRWMGQ LKTVAGSQMQ
KLLAEVNTEI VVFTSCALQP LPSCLRVQA NISHLLQDTS QQLVALKPWI TRRNFSRCLE LQCQDPDSTL
LPPRSPGALE ATSLP.