

32-6359: Flt3 Ligand Mouse, Sf9

Alternative Name : Fms-related tyrosine kinase 3 ligand, Flt3 ligand, Flt3L, SL cytokine, It3lgF, Flt3l.

Description

Source: Sf9, Baculovirus cells.

Sterile filtered colorless solution.

FLT3 ligand is a receptor for the fl cytokine has a tyrosine-protein kinase activity & a growth factor that regulates proliferation of early hematopoietic cells. Flt3-Ligand synergizes with other CSFs and interleukins to induce growth and differentiation.

Flt3 Ligand produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (27-189 a.a.) and fused to a 6 aa His Tag at C-terminus containing a total of 169 amino acids and having a molecular mass of 19.3kDa. Flt3 Ligand shows multiple bands between 18-28kDa on SDS-PAGE, reducing conditions and purified by proprietary chromatographic techniques.

Product Info

Amount : 1 µg / 5 µg

Purification : Greater than 85.0% as determined by SDS-PAGE.

Content : Flt3 Ligand protein solution (0.5mg/ml) contains Phosphate buffered saline (pH7.4) and 10% glycerol.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : GTPDCYFSHS PISSNFKVKF RELTDHLLKD YPVTVAVNQ DEKHCKALWS LFLAQRWIEQ
LKTIVAGSKMQ TLLEDVNTEI HFVTSCTFQP LPECLRFVQT NISHLLKDTG TQLLALKPCI
GKACQNFSRC LEVQCQPDSS TLLPPRSPIA LEATELPEPR PRQHSHHHHH