

CHASELECTION

Recombinant Human FLT3L

Catalog Number: CY054F0XXX

Synonym: Fms-related tyrosine kinase 3 ligand, Flt3L

Source: *E.coli*

Structure:

The protein carries no tag.

NO.: AAI44130 Gene ID: 3624

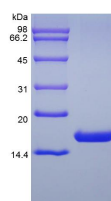
AA Sequence: Thr27-Ala181

Molecular Weight : 17.75kDa

Purity:

≥95 % as determined by SDS-PAGE & HPLC.

SDS PAGE:



SDS-PAGE in non-reducing (NR) and reducing conditions (R).

Endotoxin: < 0.5 EU/μg

Formulation:

20mM NaAc, 100mM NaCl, pH4.5

Reconstitution:

1. Before opening, please briefly centrifuge the contents to the bottom;
2. It is recommended to initially dissolve in sterile deionized water to an appropriate concentration (recommended concentration is 0.2-1mg/ml);
3. If further dilution is required, it is recommended to dilute the solution with a solution containing carrier proteins (such as 0.1% BSA, 10% FBS, and 5% HSA).

Shipping & Storage:

The product is shipped with blue ice.

If long-term storage is required, this product should be stored at ≤ -20 °C

Please avoid repeated freeze-thaw cycles

1. Dry powder can be stored at ≤ -20 for at least 24 months;
2. After reconstitution, it can be stored for 1 month under sterile conditions at 2-8 °C ;
3. After reconstitution, it can be stored for 12 months under sterile conditions at -20~-70 °C.

Description:

Flt3-Ligand is a growth factor that regulates proliferation of early hematopoietic cells. Flt3-Ligand binds to cells expressing the tyrosine kinase receptor Flt3. Flt3-Ligand, by itself does not stimulate proliferation of early hematopoietic cells, but synergizes with other CSFs and interleukins to induce growth and differentiation. Unlike SCF, Flt3-Ligand exerts no activity on mast cells. Multiple isoforms of Flt3-Ligand have been identified. The predominant biologically active form is anchored to the cell surface as the extracellular domain of a transmembrane protein (209 a.a.). The membrane-bound isoform can be proteolytically cleaved to generate a biologically active soluble isoform. Recombinant Human Flt3-Ligand is a soluble 17.6 kDa protein consisting of 155 amino acid residues.

