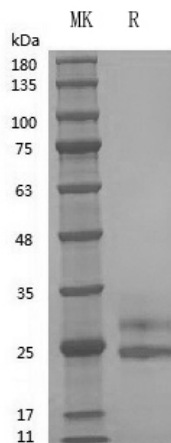


Summary

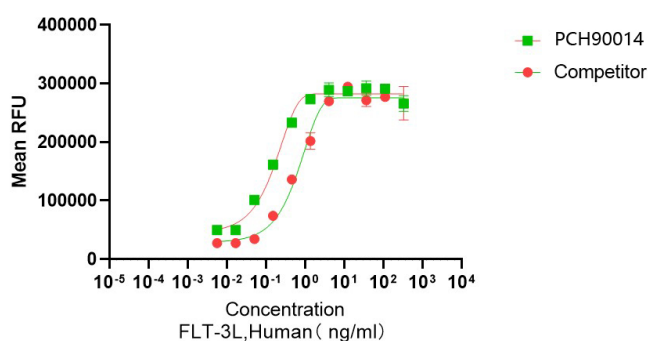
Name	FLT-3L
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	≤10 EU/mg
Construction	Recombinant Human FLT-3L is produced by our Mammalian cell expression system and the target gene encoding Thr27-Pro184 is expressed.
Accession #	P49771
Tag	Tag free
Host	Mammalian cell
Species	Human
Predicted MW	17.8 kDa
Form	Lyophilized
Buffer	PBS,5% mannitol and 0.01% Tween 80, pH7.4
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

Product Name: GMP Recombinant Human FLT-3L
Catalog#: PCH90014



Bioactivity image



The ED50 as determined by the dose-dependent stimulation of the proliferation of human OCI-AML5 cells is ≤ 1.0 ng/ml, corresponding to a specific activity of $\geq 1 \times 10^6$ units/mg.

Background

Alternative Names

References

Fms-Related Tyrosine Kinase 3 Ligand; Flt3 Ligand; Flt3L; SL Cytokine; FLT3LG

Fms-Related Tyrosine Kinase 3 Ligand (FLT3LG) is a hematopoietic four helical bundle cytokine. Mature human Flt-3 Ligand consists of an extracellular domain (ECD) with a cytokine-like domain and a juxtamembrane tether region, a transmembrane segment, and a cytoplasmic tail. Human and mouse Flt-3 Ligand show cross-species activity. Flt-3 Ligand is expressed as a noncovalently-linked dimer by T cells and bone marrow and thymic fibroblasts. It is structurally homologous to stem cell factor (SCF) and colony stimulating factor 1 (CSF-1). In synergy with other growth factors, Flt3 ligand stimulates the proliferation and differentiation of various blood cell progenitors by activation of Flt 3 receptor.

Product Name: GMP Recombinant Human FLT-3L
Catalog#: PCH90014



Note

For research use only .