

Recombinant Mouse FLT3LG (C-6His)

Catalog No : PMK2192

Known As: Fms-related tyrosine kinase 3 ligand (Flt3L); SL cytokine; Flt3 ligand;

PROPERTIES

Description	Recombinant Mouse Fms-like Tyrosine Kinase 3 Ligand is produced by our Mammalian expression system and the target gene encoding Gly27-Arg188 is expressed with a 6His tag at the C-terminus.
Accession	P49772
Formulation	Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4.
Size	10 μ g/50 μ g/500 μ g/1mg
Purity	> 95%
Endotoxin	< 1 EU/ μ g as determined by LAL test.
Predicted Mol Mass	19.4 KDa
Apparent Mol Mass	622-30 KDa, reducing conditions
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage	Lyophilized protein should be stored at $\leq -20^{\circ}\text{C}$, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8 $^{\circ}\text{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 3 months.
Background	Fms-related tyrosine kinase 3 ligand(Flt3L) is a single-pass type I membrane protein and consists of 232 amino acids. Flt3L is a hematopoietic four helical bundle cytokine, structurally homologous to stem cell factor and colony stimulating factor. Flt3L synergizes well with a number of other colony stimulating factors and interleukins. Flt3L stimulates the proliferation and differentiation of various blood cell progenitors by activating FLT3.

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