

Recombinant Mouse FLT3LG/Flt3 Ligand Protein (His Tag)

Catalog No. PKSM041024

Note: Centrifuge before opening to ensure complete recovery of vial contents.

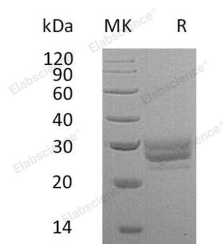
Description

Synonyms	Fms-related tyrosine kinase 3 ligand (Flt3L);SL cytokine;Flt3 ligand
Species	Mouse
Expression Host	HEK293 Cells
Sequence	Gly27-Arg188
Accession	P49772
Calculated Molecular Weight	19.4 kDa
Observed molecular weight	22-30 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

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

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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.