



Recombinant Protein Technical Manual
Recombinant Mouse FLT3LG/Flt3 Ligand Protein (Fc
Tag)
RPES0756

Product Data:

Product SKU: RPES0756

Size: 10µg

Species: Mouse

Expression host: Human Cells

Uniprot: P49772

Protein Information:

Molecular Mass: 45.5 kDa

AP Molecular Mass: 58-70 kDa

Tag: C-Fc

Bio-activity:

Purity: > 95 % as determined by SDS-PAGE

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: 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.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

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

Immunogen Information:

Sequence: Gly27-Arg188

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.