

RMCM056

Recombinant Flt-3 Ligand (Fms-related tyrosine kinase 3 ligand), Mouse ,AF



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5ug;20ug;100ug;500ug;

Synonym/Alternative name(s) : Flt3lg, Ly72L

Activity:

Measure by its ability to induce proliferation in BaF3 cells transfected with mouse Flt-3.
The ED50 for this effect is <2 ng/mL.

Protein Description:

Fms-related tyrosine kinase 3 ligand (FLT3LG) is a protein which in humans is encoded by the FLT3LG gene. FLT3 ligand is a receptor for the fl cytokine has a tyrosine-protein kinase activity & a growth factor that regulates proliferation of early hematopoietic cells. Flt3-Ligand synergizes with other CSFs and interleukins to induce growth and differentiation.

Protein Accession : Q00342.2

Gene ID : 14255

Expression Sequence:

MGTPDCYFSHPISSNFKVKFRELDHLLKDYPVTVAVNLQDEKHCKALWLSLFLAQRWIEQLKTVAGSKMQTLLEDVNTIEHFVTSCTF
QPLPECLRFVQTNISHLKDTCTQLLALKPCIGKACQNFRCLEVCQCPDSSTLLPPRSPIALEATELPEPRPR with polyhistidine tag at the C-terminus.

Fusion tag : His-tag?at?the?C-terminus

Species : Mouse

Reactivity : Mouse

Expression Host : Escherichia coli

Source : E. coli

Purity/method:

>98% as determined by SDS-PAGE. Ni-NTA chromatography

Endotoxin level:

<0.1 EU per 1 µg of the protein by the LAL method.

Calculated Molecular Weight : 19.3 kDa

Formulation:

The protein was lyophilized from a solution containing 1X PBS, pH 7.4.

Reconstitution:

It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Shipping : Blue Ice

Stability and Storage:

Lyophilized protein should be stored at -20°C for 1 year.

Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1%

BSA, 10%FBS, 5%HSA or 5% trehalose solution), protein aliquots should be stored at -20°C or -80°C for 3-6 months.

Category : Cytokines

Application : Cell culture, Elisa

Image:



SDS- PAGE analysis of recombinant mouse Flt-3 Ligand