

Active Recombinant Mouse Flt3 protein, His-tagged

Cat. No. Flt3-1431M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Flt3 protein(Gly27-Arg188), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	27-188 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
Bio-activity	Immobilized Human Flt-3, Fc Tag at 5 µg/mL (100 µL/well) can bind Mouse Flt-3 Ligand, His Tag with a linear range of 0.1-0.6 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 20.2 kDa. The protein migrates as 25-33 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Gly27-Arg188
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or

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lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Flt3 FMS-like tyrosine kinase 3 [*Mus musculus*]

Official Symbol Flt3

Synonyms

FLT3; FMS-like tyrosine kinase 3; receptor-type tyrosine-protein kinase FLT3; FL cytokine receptor; fetal liver kinase 2; tyrosine-protein kinase FLT3; tyrosine-protein kinase receptor flk-2; Flk2; Ly72; wmlf; CD135; Flk-2; Flt-3; B230315G04; MGC124377; MGC124378;

Gene ID 14255

mRNA Refseq NM_010229

Protein Refseq NP_034359

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