

Recombinant Mouse Flt3 protein, His & T7-tagged

Cat. No. Flt3-764M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Flt3 aa. (Lys335~Ser544 (Accession # Q00342)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Lys335~Ser544
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.5kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 8.3.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

Gene Name	Flt3 FMS-like tyrosine kinase 3 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Flt3
Synonyms	Flt3; FMS-like tyrosine kinase 3; Flk2; Ly72; wmf1; CD135; Flk-2; Flt-3; B230315G04; receptor-type tyrosine-protein kinase FLT3; FL cytokine receptor; fetal liver kinase 2; tyrosine-protein kinase FLT3; tyrosine-protein kinase receptor flk-2
Gene ID	14255
mRNA Refseq	NM_010229.2
Protein Refseq	NP_034359.2
UniProt ID	Q00342

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