Recombinant Mouse Flt1 protein, mFc-tagged

Cat. No. Flt1-8114M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Flt1 protein(P35969-1)(Tyr 23 - Glu 759), fused with C-terminal mFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
Form	Lyophilized from 0.22 μm filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5 with trehalose as protectant.
Bio-activity	Immobilized Human VEGF165,Native at 2 μg/mL (100 μL/well) can bind Mouse VEGF R1 Protein, Mouse IgG2a Fc Tag with a linear range of 2-31 ng/mL.
Molecular Mass	The protein has a calculated MW of 109.8 kDa.
Endotoxin	Less than 0.1 EU per μg by the LAL method / rFC method.
Purity	>85% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage 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

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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Flt1 FMS-like tyrosine kinase 1 [Mus musculus (house mouse)]
Official Symbol	Flt1
Synonyms	Flt-1; sFlt1; VEGFR1; VEGFR-1; AI323757; embryonic receptor kinase 2; tyrosine-protein kinase receptor FLT; vascular permeability factor receptor; vascular endothelial growth factor receptor 1
Gene ID	14254
mRNA Refseq	NM_010228
Protein Refseq	NP_034358
UniProt ID	P35969

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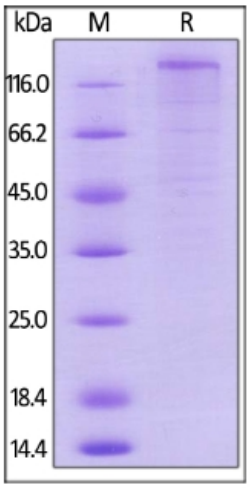
SDS-PAGE	

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