

Recombinant Rat Flt1 protein, His-tagged

Cat. No. Flt1-1840R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Flt1 aa. (Ser303~Val524) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ser303~Val524
Description	Tyrosine kinase receptor for vascular endothelial growth factor; may play a role in cell proliferation and cell survival.
Form	Freeze-dried powder
Molecular Mass	32kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 9.1.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate

 Tel: 1-631-559-9269 1-516-512-3133

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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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Flt1 FMS-related tyrosine kinase 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Flt1
Synonyms	TNNC1; troponin C1, slow skeletal and cardiac type; TNC; TN-C; TNNC; CMD1Z; CMH13; troponin C, slow skeletal and cardiac muscles; cardiac troponin C; slow twitch skeletal/cardiac muscle troponin C; troponin C type 1 (slow)
Gene ID	54251
mRNA Refseq	NM_001309381.1

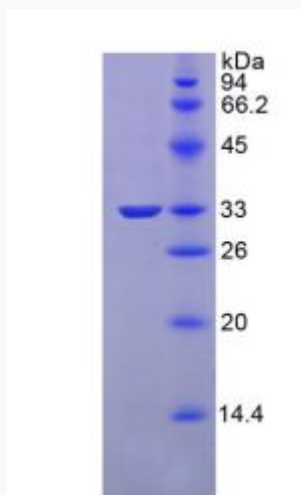
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Protein Refseq NP_001296310.1

UniProt ID P53767



SDS-PAGE

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