

Recombinant Rat Vegfc protein, His-tagged

Cat. No. Vegfc-606R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Vegfc aa. (Ala108~Arg223 (Accession # O35757)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ala108~Arg223
Description	Platelet-derived growth factor/vascular derived growth factor (PDGF/VEGF); active in angiogenesis and endothelial cell growth.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 14.6kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.6.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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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.

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

Vegfc vascular endothelial growth factor C [*Rattus norvegicus* (Norway rat)]

Official Symbol

Vegfc

Synonyms

Vegfc; vascular endothelial growth factor C; VEGF-C; VRP; flt4 ligand; flt4-L; vascular endothelial growth factor-related protein

Gene ID

114111

mRNA Refseq

NM_053653.1

Protein Refseq

NP_446105.1

UniProt ID

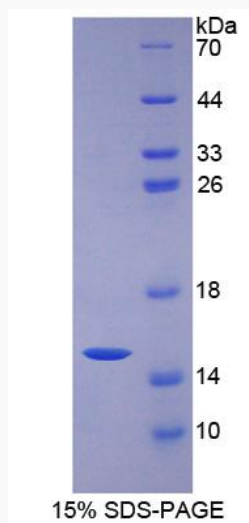
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SDS-PAGE



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