Recombinant Rat Vegfd Protein, His-tagged

Cat. No. Vegfd-569R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Vegfd Protein (Phe98-Ser206) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Phe98-Ser206
Description	Enables vascular endothelial growth factor receptor binding activity. Involved in several processes, including positive regulation of interleukin-6 production; regulation of vascular endothelial growth factor receptor signaling pathway; and response to interleukin-1. Predicted to be located in extracellular space. Orthologous to human VEGFD (vascular endothelial growth factor D).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 13.5 kDa Accurate Molecular Mass: 14 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

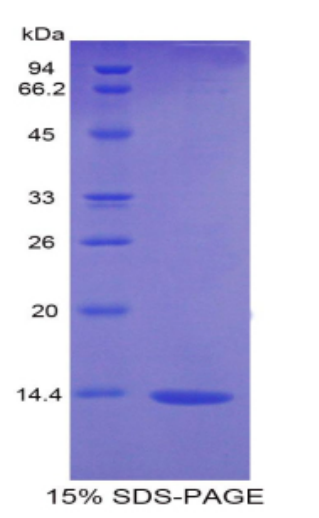
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	accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Vegfd vascular endothelial growth factor D [Rattus norvegicus (Norway rat)]
Official Symbol	Vegfd
Synonyms	VEGFD; vascular endothelial growth factor D; FIGF; VEGF-D; vascular endothelial growth factor D; c-fos induced growth factor (vascular endothelial growth factor D)
Gene ID	360457
mRNA Refseq	NM_031761
Protein Refseq	NP_113949
UniProt ID	O35251

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15% SDS-PAGE

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