

## Recombinant Rat Vegfc, His-tagged

**Cat. No.** Vegfc-534R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Rat VEGF-C (127aa) is fused at the C-terminus to a His-tag.
<b>Species</b>	Rat
<b>Source</b>	Sf9 Cells
<b>Description</b>	VEGF-C forms primarily non-covalently linked dimers. In adults, VEGF-C is highly expressed in heart, placenta, ovary and small intestine. It binds and activates VEGFR-2 (KDR/FLK1) and VEGFR-3 (FLT4) receptors. It is a growth factor active in angiogenesis and endothelial cell growth, stimulating their proliferation and migration and also has effects on the permeability of blood vessels. It is involved in the regulation of the growth and/or differentiation of lymphatic endothelium. It is also a mitogen for vascular endothelial cells.
<b>Form</b>	Lyophilized.
<b>Molecular Mass</b>	~15-20kDa
<b>Purity</b>	≥90% (SDS-PAGE)
<b>Stability</b>	Stable for at least 6 months after receipt when stored at -20°C.
<b>Storage</b>	Short Term Storage: +4°C; Long Term Storage: -20°C. After reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

<b>Gene Name</b>	Vegfc vascular endothelial growth factor C [ Rattus norvegicus ]
<b>Official Symbol</b>	Vegfc
<b>Synonyms</b>	VEGFC; vascular endothelial growth factor C; VRP; VEGF-C; flt4-L; flt4 ligand; vascular endothelial growth factor-related protein;
<b>Gene ID</b>	114111
<b>mRNA Refseq</b>	NM_053653
<b>Protein Refseq</b>	NP_446105
<b>Pathway</b>	Bladder cancer, organism-specific biosystem; Bladder cancer, conserved biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Focal adhesion, organism-specific biosystem; Focal adhesion, conserved biosystem; Hemostasis, organism-specific biosystem;
<b>Function</b>	chemoattractant activity; growth factor activity; vascular endothelial growth factor receptor 3 binding; vascular endothelial growth factor receptor 3 binding;

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA