

Recombinant Human VEGFC

Cat. No. VEGFC-31733TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human VEGF-C
Species	Human
Source	E.coli
Description	The protein encoded by this gene is a member of the platelet-derived growth factor/vascular endothelial growth factor (PDGF/VEGF) family, is active in angiogenesis and endothelial cell growth, and can also affect the permeability of blood vessels. This secreted protein undergoes a complex proteolytic maturation, generating multiple processed forms which bind and activate VEGFR-3 receptors. Only the fully processed form can bind and activate VEGFR-2 receptors. This protein is structurally and functionally similar to vascular endothelial growth factor D.
Form	Lyophilised: reconstitution in 0.1% acetic acid to a concentration of 0.1-1.0 mg/ml.
Purity	>90% by SDS-PAGE
Storage	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	VEGFC vascular endothelial growth factor C [Homo sapiens]
Official Symbol	VEGFC

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Synonyms	VEGFC; vascular endothelial growth factor C; VRP;
Gene ID	7424
mRNA Refseq	NM_005429
Protein Refseq	NP_005420
MIM	601528
Uniprot ID	P49767
Chromosome Location	4q34.3
Pathway	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;
Function	chemoattractant activity; growth factor activity; protein binding; vascular endothelial growth factor receptor 3 binding;

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