

Recombinant Human VEGFC

Cat. No. VEGFC-8329H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VEGFC was expressed in HEK 293 cells.
Species	Human
Source	HEK293
Description	Vascular endothelial growth factor C (VEGF-C) is a member of the VEGF family and is known to be associated with angiogenesis and lymphangiogenesis in various cancers. VEGF-C plays a key role in the physiology and pathology of many aspects of the cardiovascular system, including vasculogenesis, hematopoiesis, angiogenesis and vascular permeability. VEGF-C may participate in the development and progression of angiogenic diseases.
Form	The protein was 0.2 µm filtered and lyophilized from PBS.
Molecular Mass	The predicted molecular weight of Recombinant Human VEGF-C is Mr 15.4 kDa. However, the actual molecular weight as observed by migration on SDS-PAGE is Mr 23 kDa.
AA Sequence	MAHYNTEILK SIDNEWKRTQ CMPREVCIDV GKEFGVATNT FFKPPCVSVY RCGGCCNSEG LQCMNTSTSY LSKTLFEITV PLSQGPKPVT ISFANHTSCR CMSKLDVYRQ VHSIIRR
Endotoxin	<1.0 eu/µg as determined by the lal>

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Purity	>95% by SDS-PAGE and analyzed by silver stain.
Storage	This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.
GENE INFORMATION	
Gene Name	VEGFC vascular endothelial growth factor C [Homo sapiens]
Official Symbol	VEGFC
Synonyms	VEGFC; vascular endothelial growth factor C; VRP; VEGF-C; FLT4 ligand DHM; vascular endothelial growth factor-related protein; Flt4-L;
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-

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cytokine receptor interaction, conserved biosystem; Focal Adhesion, organism-specific biosystem; Focal adhesion, organism-specific biosystem; Focal adhesion, conserved biosystem;

Function

chemoattractant activity; growth factor activity; protein binding; vascular endothelial growth factor receptor 3 binding;

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