

Recombinant Human Vascular Endothelial Growth Factor C

Cat. No. VEGFC-641H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human VEGFC protein was expressed in HEK 293 cells.
Species	Human
Source	Human
Description	VEGFC, a member of the VEGF/PDGF family of structurally related proteins, is a potent antigenic cytokine. It promotes endothelial cell growth, promotes lymphangiogenesis, and can also affect vascular permeability. VEGFC is expressed in various tissues, but is not produced in peripheral blood lymphocytes. During embryogenesis, VEGFC may play a role in the formation of the venous and lymphatic vascular systems.
Form	Supplied as a lyophilized powder.
Purity	> 95% pure by SDS PAGE and HPLC
Sequence	Region of VEGFC protein corresponding to amino acids: MAHYNTEILK SIDNEWKRTQ CMPREVCIDVGKEFGVATNT FFKPPCVSVY RCGGCCNSEG LQCMNTSTSY LSKTLFEITV PLSQGPKPVT ISFANHTSCRCMSKLDVYRQ VHSIIRR
Applications	Numerous applications are possible with this product and should be tested by the end user under their own laboratory conditions.
Storage	Store at 4 deg C until reconstitution. Following reconstitution aliquot and freeze at -20

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deg C for long term storage. Avoid repeated freeze/thaw cycles.

OfficialSymbol VEGFC

GENE INFORMATION

Gene Name VEGFC vascular endothelialgrowth factor C [Homo sapiens]

Synonyms VEGFC; vascularendothelial growth factor C; VRP; Flt4-L; Vascular endothelialgrowth factor C; VEGF-C; Flt4ligand; Vascular endothelial growth factor-related protein; FLT4 ligand DHM

Gene ID 7424

mRNA Refseq NM_005429

Protein Refseq NP_005420

MIM 601528

UniProt ID P49767

Chromosome Location 4q34.3

Pathway Cytokine-cytokine receptorinteraction; Focal adhesion; Pancreatic cancer; Renal cell carcinoma; mTORSignaling pathway; Hemostasis; Signaling by VEGF

Function chemoattractant activity; growth factor activity; protein binding; vascularendothelial growth factor receptor binding

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