

# Recombinant Human Vascular Endothelial Growth Factor C

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant human VEGFC protein was expressed in HEK 293 cells.
<b>Species</b>	Human
<b>Source</b>	Human
<b>Description</b>	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.
<b>Form</b>	Supplied as a lyophilized powder.
<b>Purity</b>	> 95% pure by SDS PAGE and HPLC
<b>Sequence</b>	Region of VEGFC protein corresponding to amino acids: MAHYNTEILK SIDNEWKRTQ CMPREVCIDVGKEFGVATNT FFKPPCVSVY RCGGCCNSEG LQCMNTSTSY LSKTLFEITV PLSQGPKPVT ISFANHTSCRCMSKLDVYRQ VHSIIRR
<b>Applications</b>	Numerous applications are possible with this product and should be tested by the end user under their own laboratory conditions.
<b>Storage</b>	Store at 4 deg C until reconstitution. Following reconstitution aliquot and freeze at -20

 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

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

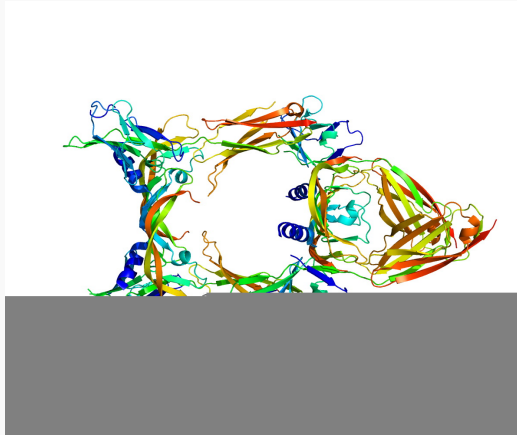
 Tel: 1-631-559-9269 1-516-512-3133

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

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



Rendering based on  
PDB 2X1W.



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