



Human VEGFC peptide (DAG-P0012)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a member of the platelet-derived growth factor/vascular endothelial growth factor (PDGF/VEGF) family. The encoded protein promotes angiogenesis and endothelial cell growth, and can also affect the permeability of blood vessels. The proprotein is further cleaved into a fully processed form that can bind and activate VEGFR-2 and VEGFR-3 receptors. [provided by RefSeq, Apr 2014]
Specificity	Spleen, lymph node, thymus, appendix, bone marrow, heart, placenta, ovary, skeletal muscle, prostate, testis, colon and small intestine and fetal liver, lung and kidney, but not in peripheral blood lymphocyte.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the PDGF/VEGF growth factor family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	VEGFC vascular endothelial growth factor C [Homo sapiens (human)]
Official Symbol	VEGFC
Synonyms	VEGFC; vascular endothelial growth factor C; VRP; Flt4-L; FLT4 ligand DHM; vascular endothelial growth factor-related protein;

Entrez Gene ID	7424
mRNA Refseq	NM_005429.4
Protein Refseq	NP_005420.1
UniProt ID	P49767
Chromosome Location	4q34.3
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Focal Adhesion, organism-specific biosystem; Focal adhesion, organism-specific biosystem; Focal adhesion, conserved biosystem; Heart Development, organism-specific biosystem; Hemostasis, organism-specific biosystem; PI3K-Akt signaling pathway, organism-specific biosystem; PI3K-Akt signaling pathway, conserved biosystem; Pathways in cancer, organism-specific biosystem;
Function	chemoattractant activity; growth factor activity; protein binding; vascular endothelial growth factor receptor 3 binding;