OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AR01001PU-S

VEGF-C / Flt4-L Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	VEGF-C / Flt4-L human recombinant protein, 5 µg
Species:	Human
Expression Host:	Insect
Expression cDNA Clone or AA Sequence:	DPTEETIKFA AAHYNTEILK SIDNEWRKTQ CMPREVCIDV GKEFGVATNT FKPPCVSVYR CGGCCNSEGL QCMNTSTSYL SKTLFEITVP LSQGPKPVT ISFANHTSCR CMSKLHHHHHH
Predicted MW:	18-24 kDa
Purity:	>90% pure by SDS-PAGE and visualised by silver stain
Buffer:	Presentation State: Purified State: Lyophilized protein Buffer System: PBS containing BSA (50-fold) as stabilizer
Bioactivity:	Biological: Determined (i) by the ability to induce VEGFR-3/FLT-4 receptor phosphorylation in PAEC/VEGFR-3 cells and (ii) the VEGF-C-induced proliferation of primary human dermal lymphatic endothelial cells (HDLEC).
Endotoxin:	< 0.1 ng per µg of VEGF-C
Reconstitution Method:	Restore in PBS or medium to a concentration not lower than 50 µg/ml.
Preparation:	Lyophilized protein
Protein Description:	The recombinant Human VEGF-C contains 129 amino acids residues and was fused to a His-tag (6x His) at the C-terminal end. As a result of glycosylation VEGF-C migrates as an 18-24 kDa protein in SDS-PAGE under reducing conditions.
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_446105
Locus ID:	114111
UniProt ID:	O35757

View online »

Cytogenetics: 16p11

Summary: platelet-derived growth factor/vascular derived growth factor (PDGF/VEGF); active in angiogenesis and endothelial cell growth [RGD, Feb 2006]

Product images: