

Product datasheet for DA3519

VEGF-C / Flt4-L Rat Protein

Product data:

Product Type:	Recombinant Proteins
Description:	VEGF-C / Flt4-L rat recombinant protein, 5 µg
Species:	Rat
Expression Host:	Insect
Expression cDNA Clone or AA Sequence:	DTVKLAAAHY NTEILKSIDN EWRKTQCMR EVCIDVGKEF GAATNTFFKP PCVSVYRCGG CCNSEGLQCM NTSTGYLSKT LFEITVPLSQ GPKPVTISFA NHTSCRCMSK LDVYRQVHSI <u>IHHHHHH</u>
Predicted MW:	15-20 kDa
Purity:	>90% pure by SDS-PAGE and visualised by silver stain
Buffer:	Presentation State: Purified State: Lyophilized purified protein Buffer System: 50 mM Acetic Acid Stabilizer: BSA
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:	The lyophilized VEGF-C is soluble in water and most aqueous buffers. Restore in PBS or medium to a concentration not lower than 50 µg/ml.
Preparation:	Lyophilized purified protein
Protein Description:	The recombinant Rat VEGF-C contains 115 amino acids residues and was fused to <i>His-tag</i> (6x His) at the C-terminal end. As a result of glycosylation VEGF-C migrates as an 15-20 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



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Locus ID: 114111

UniProt ID: [O35757](#)

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:

