

## Product datasheet for **AR01001PU-N**

### VEGF-C / Flt4-L Human Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	VEGF-C / Flt4-L human recombinant protein, 20 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	Insect
<b>Expression cDNA Clone or AA Sequence:</b>	DPTEETIKFA AAHYNTEILK SIDNEWRTQ CMPREVCIDV GKEFGVATNT FKPPCVSVYR CGGCCNSEGL QCMNTSTSYL SKTLFEITVP LSQGPKPVT ISFANHTSCR CMSKL <u>HHHHHH</u>
<b>Predicted MW:</b>	18-24 kDa
<b>Purity:</b>	>90% pure by SDS-PAGE and visualised by silver stain
<b>Buffer:</b>	Presentation State: Purified State: Lyophilized protein Buffer System: PBS containing BSA (50-fold) as stabilizer
<b>Bioactivity:</b>	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).
<b>Endotoxin:</b>	< 0.1 ng per µg of VEGF-C
<b>Reconstitution Method:</b>	Restore in PBS or medium to a concentration not lower than 50 µg/ml.
<b>Preparation:</b>	Lyophilized protein
<b>Protein Description:</b>	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.
<b>Storage:</b>	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.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<u><a href="#">NP_446105</a></u>
<b>Locus ID:</b>	114111
<b>UniProt ID:</b>	<u><a href="#">O35757</a></u>



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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:

