

## VEGF-C, Rat Recombinant with His Tag

<b>Catalog No.</b>	CRV006A CRV006B CRV006C	<b>Quantity:</b>	5 µg 20 µg 1.0 mg
<b>Alternate Names:</b>	Vascular Endothelial Growth Factor Related Protein, VRP		
<b>Description:</b>	Recombinant rat VEGF-C contains 129 amino acids and is 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>Source:</b>	Insect cells		
<b>Molecular Weight:</b>	18-24 kDa		
<b>Formulation:</b>	Lyophilized from a sterile filtered solution containing BSA.		
<b>Purity:</b>	>90% by SDS-PAGE and visualized by silver stain		
<b>Endotoxin Level:</b>	<0.1 ng/µg of the protein		
<b>Biological Activity:</b>	Measured by its ability to stimulate phosphorylation of the VEGFR-3/FLT-4 receptor in pig aortic endothelial cells. The ED <sub>50</sub> for this effect is typically 200-300 ng/ml.		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> The lyophilized VEGF-C is soluble in water and most aqueous buffers. The lyophilized VEGF-C should be reconstituted in PBS or medium to a concentration not lower than 50 µg/ml.		
<b>Storage &amp; Stability:</b>	Lyophilized samples are stable for greater than six months at -20°C to -80°C. Reconstituted VEGF-C should be stored in working aliquots at -20°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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