

Recombinant Rat VEGF 165

Catalog No.	CRV102A CRV102B CRV102C	Quantity:	2 µg 10 µg 1.0 mg
Alternate Names:	VEGF, Vascular Endothelial Growth Factor		
Description:	Recombinant Rat VEGF is a disulfide linked polypeptide containing two 165 amino acids peptides.		
Source:	<i>E. coli</i>		
Molecular Weight:	38.75 kDa		
Formulation:	Lyophilized from a solution in 10 mM NaP, pH 7.5.		
Purity:	>97% by SDS-PAGE and HPLC analyses.		
Endotoxin Level:	< 0.01 ng/µg of protein.		
Biological Activity:	Determined by the dose-dependent induced proliferation of Human umbilical vein endothelial cells (HUVECs) when compared to a standard. The expected ED ₅₀ is 4.0-8.0 ng/ml.		
Amino Acid Sequence:	MAPTTEGEQK AHEVVKFMDV YQRSYCRPIE TLVDIFQEYP DEIEYIFKPS CVPLMRCAGC CNDEALECVP TSESNVTMQI MRIKPHQSQH IGEMSFLQHS RCECRPKKDR TKPEKHCEPC SERRKHLFVQ DPQTCKCSCK NTDSRCKARQ LELNERTCRC DKPRR		
Storage & Stability:	Lyophilized protein is stable at -20°C for 2 years from date of receipt. After reconstitution, stable for 1 week at 2-4°C. For long term storage, aliquot and store with a carrier protein at -20°C. Avoid repeated freeze-thaw cycles.		

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