

Recombinant Human EG-VEGF

Catalog No.	CRV015A CRV015B CRV015C	Quantity:	5 µg 20 µg 1.0 mg
Alternate Names:	Endocrine Gland-derived Vascular Endothelial Growth Factor, Prokineticin 1, PROK1		
Description:	Recombinant human EG-VEGF is a single, non-glycosylated, polypeptide chain containing 86 amino acids.		
GeneID:	84432		
Protein Accession No:	NP_115790		
Source:	<i>E. coli</i>		
Molecular Weight:	9.6 kDa		
Formulation:	Lyophilized from a sterile filtered solution without additives		
Purity:	> 98% as determined by SDS-PAGE and RP-HPLC analyses		
Endotoxin Level:	< 0.1 ng/µg of EG-VEGF		
Biological Activity:	Determined by the dose-dependent stimulation of the proliferation of human umbilical vein endothelial cells (HUVEC). The ED ₅₀ is 1-5 ng/ml.		
Amino Acid Sequence:	The sequence of the first five N-terminal amino acids is Ala-Val-Ile-Thr-Gly.		
Reconstitution:	Centrifuge vial prior to opening. First add sterile water to the vial to fully solubilize the protein to a concentration not less than 100 µg/ml. After complete solubilization of the protein, it can be further diluted to other aqueous solutions.		
Storage & Stability:	Store lyophilized protein at -20°C to -80°C. Reconstituted antibody is stable for 1 week at 2-4°C. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

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