

## Recombinant Human EG-VEGF His-Tagged

<b>Catalog No.</b>	CRE129A CRE129B CRE129C	<b>Quantity:</b>	10 µg 50 µg 1.0 mg
<b>Alternate Names:</b>	PROK1, Mambakine, PK1, PRK1, Prokineticin-1		
<b>Description:</b>	Human EG-VEGF (Endocrine-gland-derived vascular endothelial growth factor) induces proliferation, migration and fenestration in capillary endothelial cells derived from endocrine glands. Recombinant EG-VEGF consists of 86 amino acid residues. A DNA sequence encoding the human EG-VEGF precursor, Met-1 - Phe 105 was fused with a 6X histidine tag at the C-terminus and expressed in a mouse myeloma cell line.		
<b>Gene ID:</b>	84432		
<b>Protein Accession No:</b>	NP_115790		
<b>Source:</b>	Mouse myeloma cell line		
<b>Molecular Weight:</b>	9.5 kDa		
<b>Formulation:</b>	Lyophilized from a 0.2 µm sterile filtered solution in PBS		
<b>Purity:</b>	> 98% as determined by SDS-PAGE and HPLC analyses		
<b>Endotoxin Level:</b>	< 0.1 ng/µg of EG-VEGF		
<b>Biological Activity:</b>	Determined by the dose-dependent stimulation of the proliferation of HUVEC using a concentration range of 1-5 ng/ml.		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add sterile PBS to the vial to fully solubilize the protein to a concentration of 0.1-1.0 mg/ml, containing 0.1% BSA. <b>Please note that the addition of any carrier protein into this product may produce unwanted endotoxin. This depends upon the particular application employed.</b>		
<b>Storage &amp; Stability:</b>	Lyophilized protein is stable for 1 year at -20°C to -80°C. Reconstituted protein is stable for 1 week at 2-4°C or for 3 months in working aliquots at -20°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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