

Recombinant Human Vascular Endothelial Growth Factor 165, Yeast-derived

Information

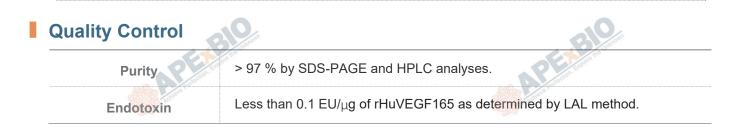
Gene ID	7422		
Accession #	P15692-4		
Alternate Names	Vascular Endothelial Growth Factor Isoform 165		
Source	Yeast		
M.Wt	Theoretically as a disulfide-linked homodimeric protein, the product consists of two 166 amino acid polypeptide chains. As a result of glycosylation, it migrate to at least three bands with molecular weights ranging from 20-31 kDa in SDS PAGE under reducing conditions.		
AA Sequence	MAPMAEGGGQ NHHEVVKFMD VYQRSYCHPI ETLVDIFQEY PDEIEYIFKF SCVPLMRCGG CCNDEGLECV PTEESNITMQ IMRIKPHQGQ HIGEMSFLQ NKCECRPKKD RARQENPCGP CSERRKHLFV QDPQTCKCSC KNTDSRCKAR QLELNERTCR CDKPRR		
Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.		
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles - 12 months from date of receipt, -20 to -70 °C as supplied - 1 month, 2 to 8 °C under sterile conditions after reconstitution - 3 months, -20 to -70 °C under sterile conditions after reconstitution		
Formulation	Lyophilized from a 0.2 μm filtered concentrated solution in PBS, pH 7.4, with 0.02 % Tween-20.		
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at \leq -20 °C. Further dilutions should be made in appropriate buffered solutions.		
Biological Activity	Fully biologically active when compared to standard. The ED as determined be a cell proliferation assay using human umbilical vein endothelial cells(HUVEC is between 1.0-8.0 ng/ml.		
Shipping Condition	Gel pack.		
Handling	Centrifuge the vial prior to opening.		

Components and Storage

Components	10µg	100µg	500µg
Recombinant Human Vascular Endothelial Growth Factor 165, Yeast-derived	10µg	100µg	500µg

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Description

Reference



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