Biotinylated Human VEGF165 Protein

Catalog # VEGF165-HB003 Form: Lyophilized

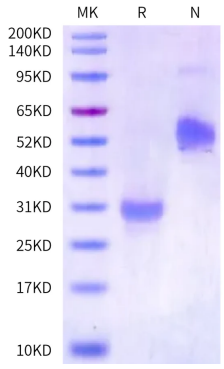
Product Details

Product description	Recombinant Biotinylated Human VEGF165 Protein is expressed in HEK293 cells with a His tag and Avi tag at the C-terminus. It contains amino acid residues Ala27-Arg191 (UniProt accession: P15692-4).
Molecular aliases	VEGF; VEGFA; VEGF165a; MVCD1; VAS; VEGFMGC70609; VPF; RP1-261G23.1; MGC70609;VEGF-165;VEGF165;Vascular endothelial growth factor-165; Vascular endothelial growth factor 165
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 22.2 kDa. Due to glycosylation, the protein migrates to 28-35 kDa under reduced (R) condition, 45-60 kDa under Non reduced (N) condition based on Bis-Tris PAGE result.
Purity	> 90% as determined by Bis-Tris PAGE > 90% as determined by HPLC
Endotoxin	Less than 1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
State	Lyophilized
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Activity validation	Activity verified

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Biotinylated VEGF165 on Bis-Tris PAGE under reduced (R) condition and Non reduced (N) condition. The purity is greater than 90%.