Human VEGF R3/FLT4 Protein

Catalog # VEGFR3-HF001 Form: Lyophilized

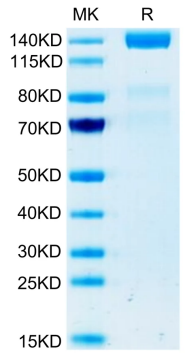
Product Details

Product description	Recombinant Human VEGF R3/FLT4 Protein is expressed in HEK293 cells with an hFc (IgG1) tag at the C-terminus. It contains amino acid residues Tyr25-Ile776 (UniProt accession: P35916-1).
Molecular aliases	VEGFR-3; FLT-4; LMPH1A; PCLFLT41; VEGFR3; FLT-41; PCL;FLT4; FLT41
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 111.3 kDa. Due to glycosylation, the protein migrates to 135-155 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin	Less than 1 EU per ug by the LAL method.
Formulation	Lyophilized from 0.22μm filtered solution in 50mM Tris, 150mM NaCl, 100mM Glycine (pH 7.5). 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

Human VEGF R3 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.