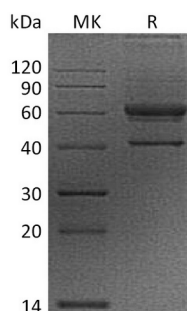


概述 (Summary)

英文全称	VEGFB/Vascular Endothelial Growth Factor B
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Vascular Endothelial Growth Factor B is produced by our Mammalian expression system and the target gene encoding Pro22-Ala207 is expressed with a human IgG1 Fc tag at the N-terminus.
Accession #	P49765
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	45.7 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20 mM Glycine, 6% Sucrose, 5% Mannitol, 0.05% Tween80, pH3.0.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Human VEGFB (N-Fc)
Catalog #: PHH1980



背景 (Background)

分子别名 (Alternative Names)

Vascular endothelial growth factor B;VEGF-B;VEGF-related factor;VRF

背景介绍 (References)

VEGFB, as known as VRF, is a member of the VEGF family of growth factors that share structural and functional similarity. By alternative splicing, two isoforms of mature VEGF-B containing 167 or 186 amino acid (aa) residues exist. VEGF-B is expressed in most tissues, especially in heart, skeletal muscle and pancreas. The two VEGF-B isoforms have identical amino-terminal cysteine-knot VEGF homology domains but the carboxyl end of VEGF-B167 differs from that of VEGF-B186 by the presence of a highly basic cysteine-rich heparin binding domain. VEGF-B167 and a proteolytically processed form of VEGF-B186 also bind neuropilin-1, a type I transmembrane receptor for semaphorins/collapsins, ligands involved in neuron guidance.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.