Datasheet for ABIN7275826

VEGF121 Protein (His-Avi Tag,Biotin)

4 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	VEGF121
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VEGF121 protein is labelled with His-Avi Tag,Biotin.

Product Details

Sequence:	Ala27-Arg147
Purity:	> 95% as determined by Tris-Bis PAGE,> 95% as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human VEGF R1, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human VEGF121, His Tag with the EC50 of 36.5ng/ml determined by ELISA. See testing image for detail.

Target Details

Target:	VEGF121
Alternative Name:	VEGF121 (VEGF121 Products)
Background:	VEGF, VEGFA, MVCD1, VAS, VEGFMGC70609, VPF, RP1-261G23.1, MGC70609,Vascular endothelial growth factor (VEGF or VEGF-A), also known as vascular permeability factor (VPF),

Target Details

	is a potent mediator of both angiogenesis and vasculogenesis in the fetus and adult. VEGF165 appears to be the most abundant and potent isoform, followed by VEGF121 and VEGF189.
Molecular Weight:	17 kDa. Due to glycosylation, the protein migrates to 18 kDa/22-25 kDa based on Tris-Bis PAGE result.

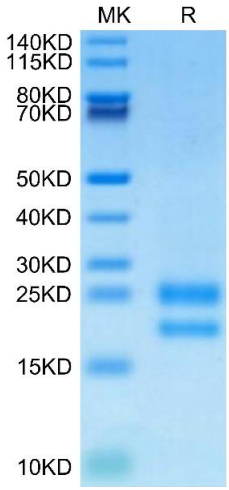
Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	4 °C,-80 °C
Storage Comment:	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

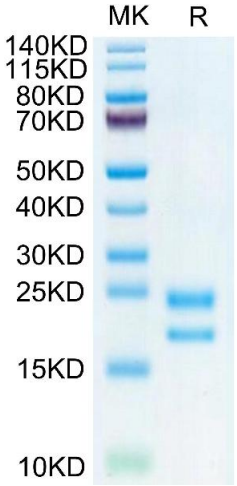
Images



SDS-PAGE

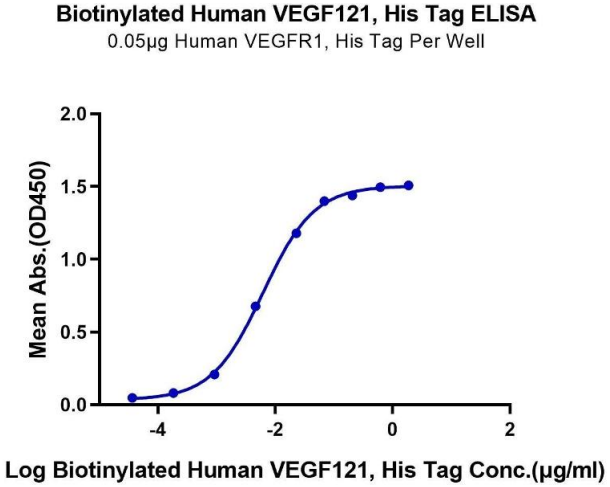
Image 1. Biotinylated Human VEGF121 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Copyright antibodies-online. All rights reserved.



SDS-PAGE

Image 2. Biotinylated Human VEGF121 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



ELISA

Image 3. Immobilized Human VEGFR1 at 0.5 µg/mL (100 µ L/Well) on the plate. Dose response curve for Biotinylated Human VEGF121, His Tag with the EC50 of 6.1 ng/mL determined by ELISA.

Please check the product details page for more images. Overall 4 images are available for ABIN7275826.