

Datasheet for ABIN7275824

VEGF 165 Protein**6** Images[Go to Product page](#)

Overview

| | |
|---------------|---------------|
| Quantity: | 100 µg |
| Target: | VEGF 165 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |

Product Details

| | |
|------------------------------|--|
| Sequence: | Ala27-Arg191 |
| 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 VEGF165 at 1µg/ml (100µl/well) on the plate. Dose response curve for Human VEGFR2, mFc Tag with the EC50 of 74.2ng/ml determined by ELISA. See testing image for detail. |

Target Details

| | |
|-------------------|---|
| Target: | VEGF 165 |
| Alternative Name: | VEGF165 |
| Background: | VEGF, VEGFA, MVCD1, VAS, VEGFMGC70609, VPF, RP1-261G23.1, MGC70609, Human papillomavirus (HPV) infection is an established risk factor for cervical carcinogenesis. VEGF165 was significantly higher, whereas VEGFC and VEGFD were significantly lower in |

Target Details

malignant cervical carcinoma tissues as compared to normal cervix tissues. Expression levels of VEGF121 and VEGFC were significantly associated with type of tumor growth while VEGF165 was significantly associated with lymph node metastasis.

Molecular Weight: 19.2 kDa. Due to glycosylation, the protein migrates to 20-30 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.

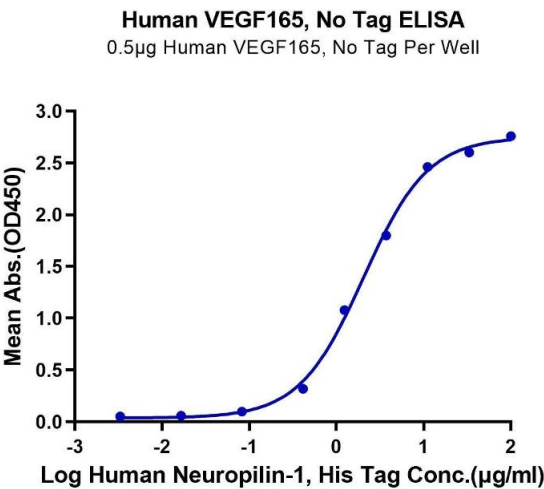
Buffer: Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5 % trehalose is added as protectant before lyophilization.

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.

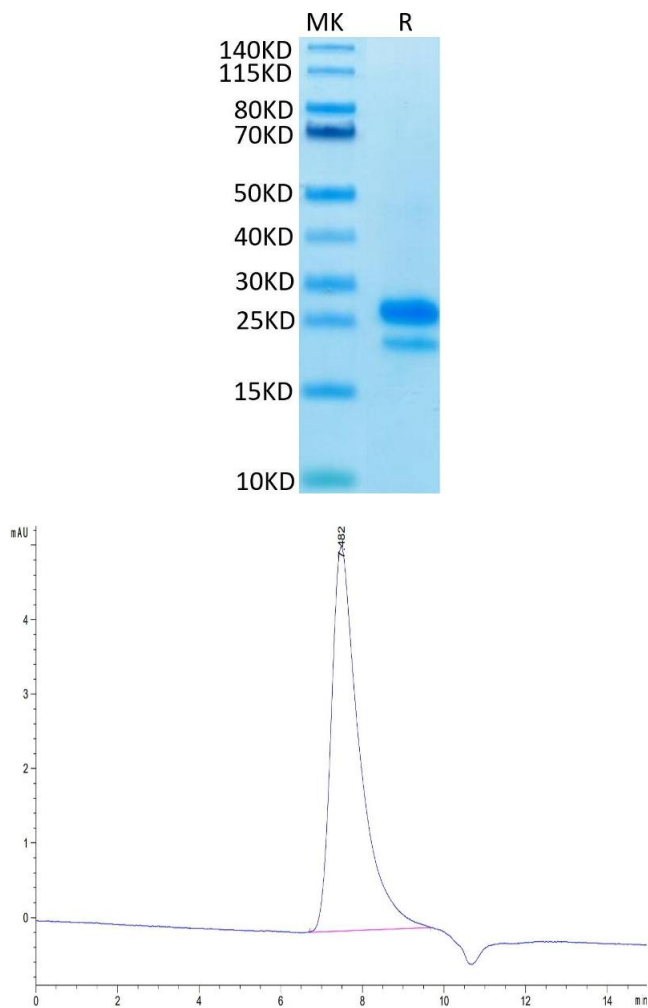
Expiry Date: 12 months

Images



ELISA

Image 1. Immobilized Human VEGF165, No Tag at 5 µg/mL (100 µL/well) on the plate. Dose response curve for Human Neuropilin-1, His Tag with the EC50 of 2.0 µg/mL determined by ELISA.



SDS-PAGE

Image 2. Human VEGF165 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 3. The purity of Human VEGF165 is greater than 95 % as determined by SEC-HPLC.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7275824.