

Human EG VEGF Recombinant Protein



RPPB0161

Product Information Protein Information

Product SKU:

RPPB0161

Accession:

P58294

Host:

Escherichia Coli.

Protein description:

EG-VEGF Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 86 amino acids and having a molecular mass of 9.7kDa. The EG-VEGF is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

PK1, PRK1, Prokineticin 1, EG-VEGF.

Formulation:

The protein was lyophilized from a concentrated (1mg/ml) solution containing 0.1% Trifluoroacetic Acid (TFA).

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Endocrine Gland Vascular Endothelial Growth Factor in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized EG-VEGF Human Recombinant although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution EG-VEGF should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Amino Acid Sequence:

AVITGACERD VQCGAGTCCA ISLWLRGLRM CTPLGREGEE CHPGSHKVPF FRKRKHHTCP CLPNLLCSRF PDGRYRCSMD LKNINF.

Biological Activity:

The activity as determined by the dose-dependent proliferation of MIA PaCa-2 cells is typically 1-4 µg/ml.