

Recombinant Human VEGF Protein(His Tag)

RPES9437

Description

This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Protein Information

SKU: RPES9437

Purity: > 90% as determined by reducing SDS-PAGE.

Contents: 100µg, 20µg, 500µg, 1mg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Human

Endotoxin: < 1.0 EU/mg of the protein as determined by the LAL method

Synonyms: MVCD, Vascular Endothelial Growth Factor Isoform, VEGFA, MVCD1, VEGF, VPF, L VEGFA, VEGF A, Folliculostellate cell-derived growth factor, Glioma-derived endothelial cell mitogen, Vascular Endothelial Growth Factor Isoform 165, Vascular permeability factor, VEGF121, VEGF165, VEGF-165, VEGF-A, Vascular endothelial growth factor A, Vascular permeability factor (VPF), MVCD1, vascular endothelial growth factor A, VEGF, VPF, MGC70609, vascular endothelial growth factor, vascular endothelial growth factor A121, vascular endothelial growth factor A165, VEGF120

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to - 80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Store Bradford Reagent at Room Temperature for 1 year.

Tag: C-His

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Expression Host: HEK293 Cells

Bio-Activity: Not validated for activity

Calculated MW: 18 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

Observed MW: 18-24 kDa

Reconstitution: It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

Accession: P15692

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Source: HEK293 Cells-derived Human VEGF protein Met1-Arg165, with an C-terminal His

Sequence: Met1-Arg165

Notes: Centrifuge before opening to ensure complete recovery of vial contents.

Form: Lyophilized powder