

Human VEGF C Recombinant Protein



RPPB1082

Product Information Protein Information

Product SKU:

RPPB1082

Accession:

P49767

Host:

Sf9, Insect Cells.

Protein description:

VEGF-C Human Recombinant- contains 121 amino acids residues including 6 amino acid His-tag fused at the C-terminal end. As a result of glycosylation VEGF-C migrates as an 18-24 kDa protein in SDS-PAGE under reducing conditions.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

VEGF-C, Vascular endothelial growth factor C, VRP, Flt4 ligand, Flt4-L, Vascular endothelial growth factor-related protein, VEGFC.

Formulation:

Each mg of VEGF-C Human contains 50mg BSA and 1xPBS as buffer.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Solubility:

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

Stability:

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

Biological Activity:

Measured by its ability to induce to the VEGFR-3/FLT-4 receptor phosphorylation in PAEC/VEGFR3 cells and VEGFC induced proliferation of primary HDLEC cells.