

# Human VEGF D Recombinant Protein



RPPB1087

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## Product Information    Protein Information

**Product SKU:**

RPPB1087

**Accession:**

O43915

**Host:**

HEK293.

**Protein description:**

VEGFD Human Recombinant produced in HEK-293 cells is a secreted protein (amino acids Phe93-Ser201) fused to a polyhistidine tag at the C-terminus.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

c-fos induced growth factor (vascular endothelial growth factor D), FIGF, VEGFD.

**Formulation:**

The recombinant VEGF-D was lyophilized after extensive dialysis against PBS.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the Vascular Endothelial Growth Factor D in sterile 18M-cm H<sub>2</sub>O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized VEGF-D although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution VEGF-D should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Biological Activity:**

The ED<sub>50</sub> of 3-4ng/ml is measured by its ability to stimulate the proliferation of human microvascular endothelial cells (HMVECs).