

# Human VEGF Recombinant Protein



RPPB1066

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## Product Information   Protein Information

**Product SKU:**

RPPB1066

**Accession:**

P15692

**Host:**

Pichia Pastoris.

**Protein description:**

Vascular Endothelial Growth Factor Human Recombinant produced in Yeast is a double, glycosylated, polypeptide chain containing 165 amino acids and having a molecular mass of 42 kDa.

**Appearance:**

Sterile Filtered colorless liquid formulation.

**Synonyms:**

Vascular endothelial growth factor A, VEGF-A, Vascular permeability factor, VPF, VEGF, MGC70609.

**Formulation:**

The protein contains 20mM Phosphate- Buffered Saline, pH 7.4.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

Vascular Endothelial Growth Factor Human although stable at 15°C for 2 weeks, should be stored 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:**

Determined by its ability to stimulate 3H-Thymidine incorporation in human umbilical vein endothelial cells, the ED50 for this effect was found to be 2-6ng/ml.