

# Human VEGF Recombinant Protein



RPPB1063

## Product Information Protein Information

**Product SKU:**

RPPB1063

**Accession:**

P15692

**Host:**

Escherichia Coli.

**Protein description:**

Vascular Endothelial Growth Factor Human Recombinant produced in E.Coli is a non-glycosylated, polypeptide chain (aa 207-371) containing a total of 185 amino acids and having a molecular mass of 21.3 kDa (corresponding to Isoform L-VEGF165 UniProt acc#P15692-11). The VEGF is fused to a 20 a.a His-tag at N-terminus and is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

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

**Formulation:**

VEGF His (0.5mg/ml) is supplied in 20mM Tris-HCl pH-8.5, 50% glycerol, 5mM DTT, 200mM NaCl & 2mM EDTA.

**Purity:**

Greater than 90% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SSGLVPRGSH APMAEGGGQN HHEVVKFMDV YQRSYCHPIE TLVDIFQEYP DEIEYIFKPS  
CVPLMRCGGC CNDEGLECVP TEESNITMQI MRIKPHQGQH IGEMSFLQHN KCECRPKKDR ARQENPCGPC  
SERRKHLFVQ DPQTCKCSCK NTDSRCKARQ LELNERTCRC DKPRR.