

# Mouse VEGF Recombinant Protein



RPPB1075

---

## Product Information   Protein Information

**Product SKU:**

RPPB1075

**Accession:**

Q00731

**Host:**

Escherichia Coli.

**Protein description:**

VEGF Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 141 amino acids (205-324 a.a.) and having a total molecular mass of 16.3kDa. Mouse VEGF is fused to 20 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Vascular endothelial growth factor A, VEGF-A, Vascular permeability factor, VPF, VEGF, Vegf120, Vegf164, Vegf188, Vegfa.

**Formulation:**

The Mouse VEGF contains 20mM Tris-HCl buffer (pH8.0) and 10% glycerol.

**Purity:**

Greater than 90.0% 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 SGLVPRGSH MAPTTEGEQK SHEVIKFMDV YQRSYCRPIE TLVDIFQEYP DEIEYIFKPS  
CVPLMRCAGC CNDEALECVP TSESNITMQI MRIKPHQSQH IGEMSFLQHS RCECRPKKDR TKPEKCDKPR R.

**Biological Activity:**

Measured in a cell proliferation assay using NIH-3T3 mouse embryonic fibroblast. The ED50 for this effect is 0.5-1.5ng/ml.