

# Mouse GDF5 Recombinant Protein



RPPB0306

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## Product Information   Protein Information

**Product SKU:**

RPPB0306

**Accession:**

P43027

**Host:**

Escherichia Coli.

**Protein description:**

GDF5 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 143 amino acids (376-495 a.a) and having a molecular mass of 16kDa. GDF5 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Bmp-14, Bp, GDF-5, Bone morphogenetic protein 14, GDF5.

**Formulation:**

GDF5 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) 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 SSGLVPRGSH MGSAPLANRQ GKRP SKNLKA RCSRKALHVN FKDMGWDDWI IAPLEYEAFH  
CEGLCEFLR SHLEPTNHAV IQTLMNSMDP ESTPTCCVP TRLSPIILF IDSANNVVK QYEDMWVESC GCR.