

Human GDF5 Recombinant Protein



RPPB0304

Product Information Protein Information

Product SKU:

RPPB0304

Accession:

P43026

Host:

Escherichia Coli.

Protein description:

GDF5 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 141 amino acids (382-501 a.a.) and having a total molecular mass of 15.8 kDa. GDF5 is fused to a 20 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Cartilage-derived morphogenetic protein-1, CDMP-1, LAP4, SYNS2, GDF-5, Radotermin, CDMP1, GDF5, Growth differentiation factor 5, BMP-14.

Formulation:

The GDF5 solution contains 10mM sodium citrate pH-3.5 and 10% glycerol.

Purity:

Greater than 95.0% 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 MAPLATRQ GK RPSKNLKARC SRKALHVNFK DMGWDDWIIA PLEYEAFHCE
GLCEFPLRSH LEPTNHAVIQ TLMNSMDPES TPPTCCVPTR LSPISILFID SANNVVKYQY EDMVVESEGC R.