

Human GDF3 Recombinant Protein



RPPB0302

Product Information Protein Information

Product SKU:

RPPB0302

Accession:

Q9NR23

Host:

Escherichia Coli.

Protein description:

GDF3 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 124 amino acids and having a total molecular mass of 14.15 kDa. GDF3 is fused to a 10 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Growth Differentiation Factor 3, Growth/Differentiation Factor 3, MCOPCB6, MCOP7, GDF-3, KFS3.

Formulation:

The protein was lyophilized from a concentrated solution (0.5mg/ml) containing 30mM Acetate buffer pH-4.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized GDF3 in sterile 100mM Acetate buffer pH-4 at a concentration of 0.5mg/ml. For the dilution into higher pH values, it is recommended to dilute the protein to a concentration of 10µg/ml. Please note that in higher concentrations the solubility of GDF3 is limited. The protein is not sterile! Please sterile filter before using it in the cell culture.

Stability:

Lyophilized GDF3 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution GDF3 should be stored at 4°C between 2-7 days and for future use 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.

Amino Acid Sequence:

MKHHHHHHAS AAIPVKLSC KNLCHRHQLF INFRDLGWHK WIIAPKGFMA NYCHGECFPS LTISLNSSNY AFMQALMHAV DPEIPQAVCI PTKLSPISML YQDNNDNVIL RHYEDMVVDECGCG.