

Human FGF23 Recombinant Protein



RPPB0252

Product Information Protein Information

Product SKU:

RPPB0252

Accession:

Q9GZV9

Host:

Sf9, Insect cells.

Protein description:

FGF23 produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 236 amino acids (25-251a.a.) and having a molecular mass of 26.4kDa (Molecular size on SDS-PAGE will appear at approximately 13.5-18kDa). FGF23 is expressed with an 9 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Fibroblast growth factor 23, FGF-23, Phosphatonin, Tumor-derived hypophosphatemia-inducing factor, HYPF.

Formulation:

FGF23 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4), 2mM DTT, 1mM EDTA 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:

ADPYPNASPL LGSSWGGLIH LYTATARNSY HLQIHKNHGV DGAPHQTIYS ALMIRSEDAGFVVITGVMSR
RYLCMDFRGN IFGSHYFDPE NCRFQHQTLE NGYDVYHSPQ YHFLVSLGRAKRAFLPGMNP PPYSQFLSRR
NEIPLIHNT PIPRRHTRSA EDDSERDPLN VLKPRARMTPAPASCSQELP SAEDNSPMAS DPLGVVRGGR
VNTHAGGTGP EGCRPFAKFI HHHHHH.