

Mouse FGF 21 Recombinant Protein



RPPB0243

Product Information Protein Information

Product SKU:

RPPB0243

Accession:

Q9JJN1

Host:

Escherichia Coli.

Protein description:

Fibroblast Growth Factor -21 Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 183 amino acids including N-terminal Methionin and having a molecular mass of 20.1 kDa. The FGF-21 is purified by proprietary chromatographic techniques.

Appearance:

Filtered white lyophilized powder.

Synonyms:

Fibroblast growth factor 21, FGF-21.

Formulation:

Filtered (0.4µm) and lyophilized from 0.5mg/ml in 20mM TRIS, 20mM NaCl, pH 7.5.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture. Add DTT (0.2mM) and NaCl (0.1-0.15M) before freezing to prevent potential aggregation.

Stability:

Lyophilized FGF-21 Mouse Recombinant although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Fibroblast Growth Factor 21 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:

MAY PIPDSSPLLQ FGGQVRQRYL YTDDDQDTEA HLEIREDGTV VGAAHRSPES LLELKALKPG VIQILGVKAS
RFLCQQPDGA LYGSPHFDPE ACSFRELLE DGYNVYQSEA HGLPLRLPQK DSPNQDATSW GPVRFPLMPG
LLHEPQDQAG FLPPEPPDVG SSDPLSMVEP LQGRSPSYAS.