

Mouse FGF17 Recombinant Protein



RPPB0233

Product Information Protein Information

Product SKU:

RPPB0233

Accession:

O60258

Host:

Escherichia Coli.

Protein description:

Fibroblast Growth Factor 17 Mouse Recombinant produced in E.Coli is a non-glycosylated polypeptide chain containing 194 amino acid and having a molecular mass of approximately 22.5kDa.FGF17 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Fibroblast growth factor 17, FGF-17, FGF17, FGF-13, HH20.

Formulation:

Lyophilized from a 0.2µm filtered concentrated solution in 20 mM Tris-HCl, pH 8.0, 0.02 % Tween-20 and 700 mM NaCl.

Purity:

Greater than 98.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Fibroblast Growth Factor 17 in sterile PBS not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized FGF17 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Fibroblast Growth Factor 17 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Amino Acid Sequence:

TQGENHPSPN FNQYVRDQGA MTDQLSRRQI REYQLYSRTS GKHVQVTGRR ISATAEDGNK FAKLIVETDT
FGSRVRIKGA ESEKYICMNK RGKLGKPSG KSKDCVFTEI VLENNYAFQ NARHEGWFMA FTRQGRPRQA
SRSRQNQREA HFIKRLYQGQ LPPFNHAERQ KQFEFVGSAP TRTRKRTRRP QSQT.

Biological Activity:

The ED50 as determined by a cell proliferation assay using murine balb/c 3T3 cells is < 10 ng/ml, corresponding to a specific activity of > 1.0 × 10⁵ IU/mg in the presence of 10 µg/ml of heparin.