

FGF-21, 29-209 aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP02114

3th Edition

Synonyms:Fibroblast growth factor 21.

Description:FGF-21 is a unique member of FGF super family that is reported to be primarily produced by the liver. FGF-21 has recently been shown to have beneficial effects on a variety of metabolic parameters, including glucose and lipid metabolism and insulin sensitivity models and is thought to exert potent antidiabetic and lipid- lowering agent of obesity and type 2 diabetes mellitus.

Form:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Molecular Weight:21.6 kDa (202 aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMHPIPDSSPLLQFGGQVRQRYLYTDDAQQTEAHLEIREDGTVGGAADQSPESLL
QLKALKPGVIQILGVKTSRFLCQRPDGALYGSLHFDPEACSFRELLLEDGYNVYQSEAHGLPLHLPGNKSPHRDPA
PVGSSDPLSMVGPSQGRSPSYAS

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.