



Fibroblast Growth Factor-15, His Tag, mouse recombinant (rmFGF15-His)

Catalog No: 97441
Lot No: XXXXX
Source: *E. coli*
Synonyms: Fibroblast Growth Factor 15, FGF15

Background

FGF-15 takes part in the suppression of bile acid biosynthesis by down-regulation of CYP7A1 expression. FGF-15 is expressed in the developing brain.

Description

FGF-15 mouse recombinant produced in *E. coli* is a 23.78 kDa protein containing 203 amino acid residues including a 10 amino acid N-terminal His Tag.

Physical Appearance

Filtered white lyophilized (freeze-dried) powder.

Formulation

FGF-15 was filtered (0.4 µm) and lyophilized from 0.5 mg/ml supplied in 20 mM Tris and 20 mM NaCl, pH 8.0.

Solubility

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it on cell culture.

Stability

Store lyophilized FGF-15 at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted FGF-15 can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence

MKHHHHHHAS RPLAQQSQSV SDEDPLFLYG WGKITRLQYL YSAGPYVSNC FLIRSDGSV DCEEDQNERN LLEFRAVALK
TIAIKDVSSV RYLCMSADGK IYGLIRYSEE DCTFREEMDC LGYNQYRSMK HHLHIIFIQA KPREQLQDQK PSNFIPVFHR
SFFETGDQLR SKMFSLPLES DSMDFRMVE DVDHLVKSPS FQK

Applications

WB

Usage

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