

Recombinant Mouse Fgf15 Protein, His-tagged

Cat. No. Fgf15-01M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mature mouse FGF-15 (Arg26-Lys218) with a 6×His tag at the N-Terminus was expressed in E. coli. This protein was purified by Ni-NTA column
Species	Mouse
Source	E.coli
ProteinLength	26-218
Description	Involved in the suppression of bile acid biosynthesis through down-regulation of CYP7A1 expression.
Molecular Mass	24.7 kDa
AA Sequence	26RPLAQQSQSVSDEDPLFLYGWGKITRLQYLYSAGPYVSNCFLRIRSDGSVDCEED QNERNLLEFRAVALKTIAIKDVSSVRYLCMSADGKIYGLIRYSEEDCTFREEMDCLGY NQYRSMKHHLHIIFIQAKPREQLQDQKPSNFIPVFHRSFFETGDQLRSKMFSLEPLESD SMDPFRMVEDVDHLVKSPSFQK218
Purity	> 95% by SDS-PAGE
Applications	ELISA
Storage	Store lyophilized protein at -20 or -70 centigrade. Lyophilized protein is stable for up to 6 months from date of receipt at -20 to -70 centigrade.

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Upon reconstitution, this protein can be stored at -20 centigrade for a few weeks or at -70 centigrade in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing/thawing cycles.

Storage Buffer Lyophilized 100 µg of Mouse FGF-15 in 100 µL of PBS. Carry free.

Reconstitution Add 500 µL TBS to the vial to prepare a working stock solution at 200 µg/mL. Allow to set at least 30 minutes at 4 centigrade, mix well.

GENE INFORMATION

Gene Name Fgf15 fibroblast growth factor 15 [Mus musculus (house mouse)]

Official Symbol Fgf15

Synonyms Fgf15; fibroblast growth factor 15; FGF19; Fgf8a; fibroblast growth factor 15; FGF-15; fibroblast growth factor 8a

Gene ID 14170

mRNA Refseq NM_008003

Protein Refseq NP_032029

UniProt ID O35622

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