

Recombinant Mouse Fibroblast Growth Factor 21, FLAG-tagged

Cat. No. Fgf21-414M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse fibroblast growth factor 21 (FGF-21) (aa 1-210) produced in <i>HEK 293 cells</i> fused at the C-terminus to a FLAG-tag.
Species	Mouse
Source	Human Cells
Protein Length	1-210 a.a.
Description	FGF-21 is preferentially expressed in liver, but an exact knowledge of FGF-21 bioactivity and its mode of action have been lacking to date. FGF-21 is a potent activator of glucose uptake on adipocytes, protects animals from diet-induced obesity when overexpressed in transgenic mice, and lowers blood glucose and triglyceride levels when therapeutically administered to diabetic rodents.
Source/Host	HEK 293 cells.
Purity	≥90% (SDS-PAGE).
Formulation	Liquid. 0.2µm-filtered solution in PBS.
Concentration	250µg/ml.
Endotoxin Content	<1EU/g protein (LAL-test).

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Long Term Storage	-20°C.
Use/Stability	Working aliquots are stable for up to 3 months when stored at -20°C.
Handling	Avoid freeze/thaw cycles. After opening, prepare aliquots and store at -20°C.

GENE INFORMATION

Gene Name	Fgf21 fibroblast growth factor 21 [<i>Mus musculus</i>]
Synonyms	Fgf21; fibroblast growth factor 21; FGF-21
Gene ID	56636
mRNA Refseq	NM_020013
Protein Refseq	NP_064397
UniProt ID	Q9JJN1
Chromosome Location	7 B2
Pathway	MAPK signaling pathway; Melanoma; Pathways in cancer; Regulation of actin cytoskeleton
Function	growth factor activity

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