

Recombinant Mouse Fgf21, Fc-tagged

Cat. No. Fgf21-258M Lot. No. (See product label)

SPECIFICATION

Product Overview	Mouse FGF-21 (aa 1-210) is fused at the C-terminus to the Fc portion of human IgG.
Species	Mouse
Source	HEK293
ProteinLength	1-210 a.a.
Description	FGF-21 (Fibroblast growth factor 21) stimulates glucose uptake in differentiated adipocytes via the induction of glucose transporter SLC2A1/GLUT1 expression (but not SLC2A4/GLUT4 expression). Activity requires the presence of betaKlotho.
Form	Liquid. 0.2µm-filtered solution in PBS.
Molecular Mass	~50kDa (SDS-PAGE)
Purity	≥90% (SDS-PAGE)
Stability	Working aliquots are stable for up to 3 months when stored at -20°C.
Storage	Short Term Storage: +4°C; Long Term Storage: -20°C. After opening, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.

GENE INFORMATION

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Gene Name	Fgf21 fibroblast growth factor 21 [Mus musculus]
Official Symbol	Fgf21
Synonyms	FGF21; fibroblast growth factor 21; FGF-21;
Gene ID	56636
mRNA Refseq	NM_020013
Protein Refseq	NP_064397
Pathway	ESC Pluripotency Pathways, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem; Melanoma, organism-specific biosystem; Melanoma, conserved biosystem; Pathways in cancer, organism-specific biosystem; Regulation of Actin Cytoskeleton, organism-specific biosystem;
Function	fibroblast growth factor receptor binding; growth factor activity;

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