

## Recombinant Mouse Fgf21, FLAG-tagged

Cat. No. Fgf21-256M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Mouse FGF-21 (aa 1-210) is fused at the C-terminus to a FLAG-tag.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-210 a.a.
<b>Description</b>	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 $\beta$ Klotho.
<b>Form</b>	Liquid. 0.2 $\mu$ m-filtered solution in PBS.
<b>Molecular Mass</b>	~22kDa (SDS-PAGE)
<b>Purity</b>	$\geq$ 90% (SDS-PAGE)
<b>Stability</b>	Working aliquots are stable for up to 3 months when stored at -20°C.
<b>Storage</b>	Short Term Storage: +4°C; Long Term Storage: -20°C. After opening, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.
<b>Concentration</b>	250 $\mu$ g/ml

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## GENE INFORMATION

**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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