Recombinant Mouse Fgf21 Protein, His-tagged

Cat. No. Fgf21-7399M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Fgf21 protein with a His tag was expressed in insect cells.
Species	Mouse
Source	Insect Cells
ProteinLength	29-210
Description	Stimulates glucose uptake in differentiated adipocytes via the induction of glucose transporter SLC2A1/GLUT1 expression (but not SLC2A4/GLUT4 expression). Activity probably requires the presence of KLB.
Form	Liquid
Molecular Mass	21.0 kDa
AA Sequence	AYPIPDSSPLLQFGGQVRQRYLYTDDDQDTEAHLEIREDGTVVGAAHRSPESLLELK ALKPGVIQILGVKASRFLCQQPDGALYGSPHFDPEACSFRELLLEDGYNVYQSEAHG LPLRLPQKDSPNQDATSWGPVRFLPMPGLLHEPQDQAGFLPPEPPDVGSSDPLSM VEPLQGRSPSYASLEHHHHHH
Endotoxin	< 1.0 EU/μg of protein (determined by LAL method)
Purity	> 90 % by SDS-PAGE

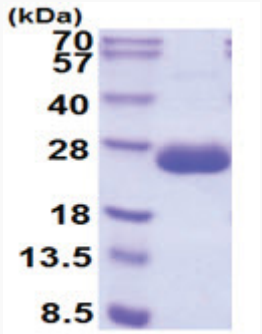
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Stability	Shelf life: one year from despatch.
Storage	Store undiluted at 2-8 centigrade for one week or (in aliquots) at -20 to -80 centigrade for longer. Avoid repeated freezing and thawing.
Concentration	0.5 mg/mL (determined by absorbance at 280nm)
Storage Buffer	Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.

GENE INFORMATION

Gene Name	Fgf21 fibroblast growth factor 21 [Mus musculus (house mouse)]
Official Symbol	Fgf21
Synonyms	Fgf21; fibroblast growth factor 21; Fgf8c; fibroblast growth factor 21; fibroblast growth factor 8c
Gene ID	56636
mRNA Refseq	NM_020013
Protein Refseq	NP_064397
UniProt ID	Q9JJN1

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SDS-PAGE	 15% SDS-PAGE (3ug)

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