

Recombinant Mouse Fgf21 Protein (Ala29-Ser210), N-His tagged


Cat. No. Fgf21-5453M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant mouse FGF21 (Ala29-Ser210) fused with the N-terminal His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ala29-Ser210
Description	<p>Predicted to enable fibroblast growth factor receptor binding activity and growth factor activity. Involved in positive regulation of cold-induced thermogenesis. Acts upstream of or within positive regulation of MAPKKK cascade by fibroblast growth factor receptor signaling pathway and positive regulation of cell population proliferation. Located in extracellular space. Is expressed in several structures, including alimentary system; cerebellum; integumental system; limb; and skeleton. Orthologous to human FGF21 (fibroblast growth factor 21).</p>
Form	Lyophilized powder/frozen liquid
Molecular Mass	21.15 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.

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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

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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