Recombinant Human FGF21 protein, His/S-tagged

Cat. No. FGF21-192H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF21 fused with His/S tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	FGF21 is a growth factor that is a member of the FGF family. Proteins of this family play a central role during prenatal development and postnatal growth and regeneration of a variety of tissues, by promoting cellular proliferation and differentiation. FGF21, in the presence of betaKlotho as a protein cofactor, signals through the FGFR 1c and 4 receptors and stimulates insulin independent glucose uptake by adipocytes.
Form	Lyophilized from sterile PBS, pH 7.4
Purity	> 95 % as determined by SDS-PAGE
Storage	Store at -70 centigrade. Avoid repeated freeze/thaw cycles.

GENE INFORMATION

Gene Name	FGF21 fibroblast growth factor 21 [Homo sapiens]
Official Symbol	FGF21

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Synonyms	FGF21; fibroblast growth factor 21; FGF-21;
Gene ID	26291
mRNA Refseq	NM_019113
Protein Refseq	NP_061986
MIM	609436
UniProt ID	Q9NSA1
Chromosome Location	19q13.1-qter
Pathway	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; Regulation of actin cytoskeleton, organism-specific biosystem;
Function	fibroblast growth factor receptor binding; growth factor activity; protein binding;

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