

Recombinant Human FGF21, Fc-tagged

Cat. No. FGF21-28829TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human FGF21 fused at the C terminus to the Fc portion of Human IgG1; MWt 50 kDa by SDS Page.
Species	Human
Source	HEK293
ProteinLength	209 amino acids
Description	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities and are involved in a variety of biological processes including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. The function of this growth factor has not yet been determined.
Conjugation	Fc
Molecular Weight	50.000kDa inclusive of tags
Biological activity	Activates ERK and FRS2alpha phosphorylation in bKlotho expressing cells.
Form	Liquid
Purity	>95% by SDS-PAGE

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Storage buffer	Preservative: NoneConstituents: PBS
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the heparin-binding growth factors family.
GENE INFORMATION	
Gene Name	FGF21 fibroblast growth factor 21 [Homo sapiens]
Official Symbol	FGF21
Synonyms	FGF21; fibroblast growth factor 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;

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Function	growth factor activity; protein binding;
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