

Recombinant Full Length Human FGF21 Protein, C-Flag-tagged

Cat. No. FGF21-947HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human FGF21 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes 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. This protein is a secreted endocrine factor that functions as a major metabolic regulator. The encoded protein stimulates the uptake of glucose in adipose tissue.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	19.4 kDa
AA Sequence	MDSDETGFHSGSLWVSVLAGLLLGACQAHPIPDSSPLLQFGGQVRQRYLYTDDAQ QTEAHLEIREDGTVG GAADQSPESLLQLKALKPGVIQILGVKTSRFLCQRPDGALYG SLHFDPEACSFRELLLEDGYNVYQSEAH GLPLHLPGNKSPHRDPAPRGPARFLPLP GLPPAPPEPPGILAPQPPDVGSSDPLSMVGPSQGRSPSYAS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Adult stem cells, Embryonic stem cells, ES Cell Differentiation/IPS, Secreted Protein
Protein Pathways	MAPK signaling pathway, Melanoma, Pathways in cancer, Regulation of actin cytoskeleton
Full Length	Full L.

GENE INFORMATION

Gene Name	FGF21 fibroblast growth factor 21 [Homo sapiens (human)]
Official Symbol	FGF21
Synonyms	fibroblast growth factor 21
Gene ID	26291
mRNA Refseq	NM_019113.4
Protein Refseq	NP_061986.1

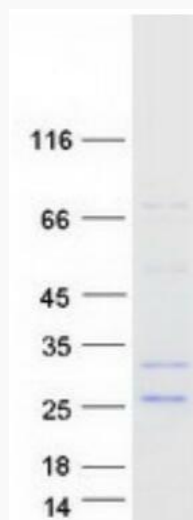
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MIM 609436

UniProt ID Q9NSA1



Coomassie blue staining of purified FGF21 protein.

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