

## Recombinant Human FGF21, Fc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human FGF21 fused at the C terminus to the Fc portion of Human IgG1; MWt 50 kDa by SDS Page.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	209 amino acids
<b>Description</b>	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.
<b>Conjugation</b>	Fc
<b>Molecular Weight</b>	50.000kDa inclusive of tags
<b>Biological activity</b>	Activates ERK and FRS2alpha phosphorylation in bKlotho expressing cells.
<b>Form</b>	Liquid
<b>Purity</b>	>95% by SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Storage buffer</b>	Preservative: None Constituents: PBS
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Sequence Similarities</b>	Belongs to the heparin-binding growth factors family.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	FGF21 fibroblast growth factor 21 [ Homo sapiens ]
<b>Official Symbol</b>	FGF21
<b>Synonyms</b>	FGF21; fibroblast growth factor 21;
<b>Gene ID</b>	26291
<b>mRNA Refseq</b>	NM_019113
<b>Protein Refseq</b>	NP_061986
<b>MIM</b>	609436
<b>Uniprot ID</b>	Q9NSA1
<b>Chromosome Location</b>	19q13.1-qter
<b>Pathway</b>	MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem; Melanoma, organism-specific biosystem; Melanoma, conserved biosystem; Pathways in cancer, organism-specific biosystem;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



**Function**

growth factor activity; protein binding;

☎ Tel: 1-631-559-9269 1-516-512-3133

☎ Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) ☎ Fax: 1-631-938-8127

☎ 45-1 Ramsey Road, Shirley, NY 11967, USA