

Bioactive

## FGF21 (Human) Recombinant Protein

Catalog # P4382

Size 20 ug

### Specification

Product Description	Human FGF21 (Q9NSA1) recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MHPIPDSSPLLQFGGQVRQRYLYTDDAQQTEAHLEIREDDGTGVGGAADQSPESELLQLKALKPGVIQILGVKTSRFLCQRPDGALYGSLHFDPEACSFRELLLEDGYNVYQSEAHGLPLHLPGNKSPHRDPA PRGPARFLPLPLPPALPEPPGILAPQPPDVGSSDPLSMVGPSQGRSPSYAS
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	19.5
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Endotoxin Level	< 0.1 EU/ug
Activity	The activity is determined by the dose-dependent proliferation of NIH 3T3 cells in the presence of 5 ug/mL FGF binding protein and is typically 0.12-0.6 ug/mL.
Storage Buffer	Lyophilized from 10 mM Na <sub>2</sub> PO <sub>4</sub> , 100 mM NaCl, pH 7.5
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with sterilized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### Applications

- Functional Study
- SDS-PAGE

## Gene Info — FGF21

**Entrez GeneID** [26291](#)**Protein Accession#** [Q9NSA1](#)**Gene Name** FGF21**Gene Alias** -**Gene Description** fibroblast growth factor 21**Omim ID** [609436](#)**Gene Ontology** [Hyperlink](#)

**Gene Summary** 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. [provided by RefSeq]

**Other Designations** -

## Pathway

- [MAPK signaling pathway](#)
- [Melanoma](#)
- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)