

Full-Length

FGF21 (Human) Recombinant Protein (P01)

Catalog # H00026291-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human FGF21 full-length ORF (AAH18404, 30 a.a. - 209 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	PIPDSSPLLQFGGQVRQRYLYTDDAQQTEAHLEIREDGTVGGAADQSPESELLQLKALKPGVIQILG VKTSRFLCQRPDGALYGLHFDPEACSFRELLLEDGYNVYQSEAHGLPLHLPGNKSPHRDPAPR GPARFLPLPGLPPAPPEPPGILAPQPPDVGSSDPLSMVGPSQGRSPSYAS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	45.54
Interspecies Antigen Sequence	Mouse (79); Rat (79)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — FGF21

Entrez GeneID [26291](#)**GeneBank Accession#** [BC018404](#)**Protein Accession#** [AAH18404](#)**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 -

Publication Reference

- [Fibroblast growth factor 21 protects against pathological cardiac remodeling by modulating galectin-3 expression.](#)

Sun M, Jin L, Bai Y, Wang L, Zhao S, Ma C, Ma D.

Journal of Cellular Biochemistry 2019 Jul; [Epub].

Application: Func, Mouse, H9c2 cardiomyocytes

Pathway

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