

## Fibroblast Growth Factor 21 (FGF21) Active Protein | FGF21 active protein

Active Fibroblast Growth Factor 21 (FGF21)

|                               |                          |                                                     |
|-------------------------------|--------------------------|-----------------------------------------------------|
| CATALOG #<br><b>AAA153123</b> | HOST<br><b>293F Cell</b> | APPLICATIONS<br><b>Activity Assay, Cell Culture</b> |
|-------------------------------|--------------------------|-----------------------------------------------------|

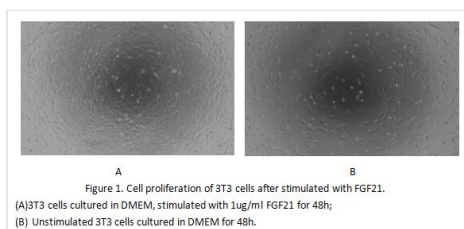
### PRODUCT SYNONYMS

Fibroblast Growth Factor 21 (FGF21); Active Fibroblast Growth Factor 21 (FGF21); Fibroblast Growth Factor 21; FGF21 active protein (eukaryotic; 293F Cell); Rat; FGF21 active protein

### PRODUCT SPECIFICATIONS

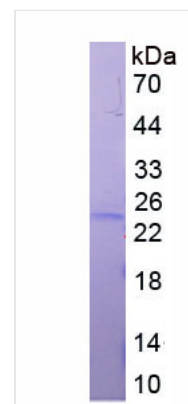
|                                                  |                                                                                                              |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                                             | 293F Cell                                                                                                    |
| Purity/Purification                              | Greater than 95% by SDS-PAGE                                                                                 |
| Form/Format                                      | PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.<br>Freeze-dried powder                                       |
| Sequence Positions                               | Gly25~Ser208                                                                                                 |
| Applicable Applications for FGF21 active protein | Activity Assay, Cell Culture                                                                                 |
| Expression System                                | Eukaryotic expression                                                                                        |
| Species                                          | Rat                                                                                                          |
| Tag                                              | N-terminal His                                                                                               |
| Endotoxin Level                                  | <1.0EU per 1ug (determined by the LAL method)                                                                |
| Isoelectric Point                                | 4.5                                                                                                          |
| Research Area                                    | Cytokine                                                                                                     |
| Preparation and Storage                          | Store at 2-8 degree C for one month, -80 degree C for 12 months<br>Stable for 12 months if correctly stored. |

### IMAGES



#### Bioactivity

Fibroblast growth factor 21 (FGF21) is a protein that in mammals is encoded by the FGF21 gene. The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family which possess broad mitogenic and cell survival activities, and are in



SDS-PAGE  
Figure. SDS-PAGE

ADDITIONAL INFORMATION

|                                                    |                 |
|----------------------------------------------------|-----------------|
| Product Categories/Family for FGF21 active protein | Active proteins |
|----------------------------------------------------|-----------------|

NCBI AND UNIPROT INFORMATION

|                                  |                             |
|----------------------------------|-----------------------------|
| NCBI GI #                        | 18543365                    |
| NCBI GeneID                      | 170580                      |
| NCBI Accession #                 | NP_570108.1                 |
| NCBI GenBank Nucleotide #        | NM_130752.1                 |
| UniProt Accession #              | Q8VI80                      |
| Molecular Weight                 | 22,857 Da                   |
| NCBI Official Full Name          | fibroblast growth factor 21 |
| NCBI Official Synonym Full Names | fibroblast growth factor 21 |
| NCBI Official Symbol             | Fgf21                       |
| NCBI Protein Information         | fibroblast growth factor 21 |
| UniProt Protein Name             | Fibroblast growth factor    |
| UniProt Gene Name                | Fgf21                       |
| UniProt Synonym Gene Names       | FGF                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/293f-cell-active-protein/fibroblast-growth-factor-21-fgf21/153123>