

## Fibroblast Growth Factor 23 (FGF23) Recombinant Protein | FGF23 recombinant protein

Recombinant Fibroblast Growth Factor 23 (FGF23)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA153387</b> | HOST<br><b>E coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

### PRODUCT SYNONYMS

Fibroblast Growth Factor 23 (FGF23); Recombinant Fibroblast Growth Factor 23 (FGF23); Fibroblast Growth Factor 23; FGF23 recombinant protein (prokaryotic); Mouse; ADHR; HYPF; HPDR2; PHPTC; Phosphatonin; Tumor-derived hypophosphatemia-inducing factor; FGF23 recombinant protein

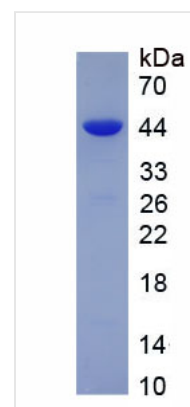
### PRODUCT SPECIFICATIONS

|                                                       |                                                                                                              |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                                                  | E coli                                                                                                       |
| 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                                    | Tyr25~Val251                                                                                                 |
| Applicable Applications for FGF23 recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                     |
| Expression System                                     | Prokaryotic expression                                                                                       |
| Species                                               | Mouse                                                                                                        |
| Tag                                                   | Two N-terminals, His-tag and SUMO-tag                                                                        |
| Endotoxin Level                                       | <1.0EU per 1ug (determined by the LAL method)                                                                |
| Isoelectric Point                                     | 9.8                                                                                                          |
| Subcellular Location                                  | Secreted                                                                                                     |
| 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

YPDTSPLLSNWNWGLTHLYTATARTSYHLQIHRDGHVDGTPHQTIYSALMITSEDAGSVVITG  
AMTRRFLCMDLHGNIHGFSLHFPENCKFRQWTLNGYDVYLSQKHLYSLGRAKRIFQPG  
TNPPFQSFLARRNEVPLLHFTYVRPRRHTRSAEDPPERDPLNLKPRPRATVPVSCSRELP  
SAEEGGPAASDPLGLRRGRGDARGGAGGADRCRPFPRFV

Amino Acid Info



SDS-PAGE  
Figure. SDS-PAGE

ADDITIONAL INFORMATION

|                                                         |                      |
|---------------------------------------------------------|----------------------|
| Product Categories/Family for FGF23 recombinant protein | Prokaryotic proteins |
|---------------------------------------------------------|----------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                             |
|----------------------------------|-----------------------------|
| NCBI GI #                        | 12083589                    |
| NCBI GeneID                      | 64654                       |
| NCBI Accession #                 | NP_073148.1                 |
| NCBI GenBank Nucleotide #        | NM_022657.4                 |
| UniProt Accession #              | Q9EPC2                      |
| Molecular Weight                 | 27,758 Da                   |
| NCBI Official Full Name          | fibroblast growth factor 23 |
| NCBI Official Synonym Full Names | fibroblast growth factor 23 |
| NCBI Official Symbol             | Fgf23                       |
| NCBI Protein Information         | fibroblast growth factor 23 |
| UniProt Protein Name             | Fibroblast growth factor 23 |
| UniProt Gene Name                | <b>Fgf23</b>                |
| UniProt Synonym Gene Names       | FGF-23                      |
| UniProt Entry Name               | FGF23_MOUSE                 |

**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/fgf23-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153387>