

## Product datasheet for TP502264

### Fgf21 (NM\_020013) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Purified recombinant protein of Mouse fibroblast growth factor 21 (Fgf21), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR202264 representing NM\_020013  
Red=Cloning site Green=Tags(s)

MEWMRSRVGTLGLWVRLLLAVFLLGVYQAYPIPDSSPLLQFGGQVRQRYLYTDDDQDTEAHLEIREDGTV  
VGAHRSPESLLELKALKPGVIQILGVKASRFLCQQPDGALYGSPHFDPEACSFRELLLEDGYNVYQSEA  
HGLPLRLPQKDSPNQDATSWGPVRFPLMPGLLHEPQDQAGFLPPEPPDVGSSDPLSMVEPLQGRSPSYAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-MYC/DDK

**Predicted MW:** 23.7 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C after receiving vials.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_064397](#)

**Locus ID:** 56636

**UniProt ID:** [Q9JJN1](#)

**RefSeq Size:** 947

**Cytogenetics:** 7 B3

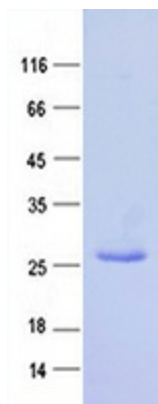


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RefSeq ORF: 630

**Summary:** Stimulates glucose uptake in differentiated adipocytes via the induction of glucose transporter SLC2A1/GLUT1 expression (but not SLC2A4/GLUT4 expression). Activity probably requires the presence of KLB.[UniProtKB/Swiss-Prot Function]

**Product images:**



Purified recombinant protein Fgf21 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.