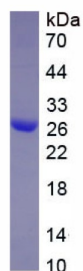


Rat Fibroblast Growth Factor 21 (FGF21) Protein

Catalogue No.: abx167639



SDS-PAGE analysis of recombinant Fibroblast Growth Factor 21 Protein.

Fibroblast Growth Factor 21 Protein is a recombinant Rat protein expressed in *E. coli*.

Target: Fibroblast Growth Factor 21 (FGF21)

Origin: Rat

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: *E. coli*

Conjugation: Unconjugated

Form: Lyophilized

Purity: > 90%

Reconstitution: Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/ml. Do not vortex.

Storage: Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: Q8VI80 ([UniProt](#), [ExPASy](#))

Gene Symbol: FGF21

GeneID: [170580](#)

Ensembl: ENSRNOG00000020990

String: [10116.ENSRNOP00000028490](#)

Datasheet

Version: 3.0.0
Revision date: 26 Jun 2025



Molecular Weight:	Calculated MW: 23.9 kDa Observed MW (SDS-PAGE): 27 kDa Possible reasons why the actual band size differs from the predicted band size: 1. Splice variants. Alternative splicing may create different sized proteins from the same gene. 2. Relative charge. The composition of amino acids may affect the charge of the protein. 3. Post-translational modification. Phosphorylation, glycosylation, methylation etc. may affect the band size. 4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form. 5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.
Sequence Fragment:	Gly25-Ser208
Sequence:	GVCEAY PISDSSPLLQ FGGQVRQRYL YTDDDQDTEA HLEIRE DGT VGT AHRSPES LLELKALKPG VIQILGVKAS RFLCQQPDGT LYGSPHFDPE ACSFRELLK DGYNVYQSEA HGLPLRLPQK DSQDPATRGP VRFLPMPGLP HEPQEQPGVL PPEPPDVGSS DPLSMVEPLQ GRSPSYAS
Tag:	N-terminal His tag
Buffer:	Prior to lyophilization: 100 mM NaHCO ₃ , 500 mM NaCl, pH 8.3, containing 0.01% Sarcosyl, 5% Trehalose.
Activity:	Not tested
Concentration:	Prior to lyophilization: 200 µg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.