

## General Information

### Protein Construction

A DNA sequence encoding the mature form of human FGF17 (O60258-1) (Thr23-Thr216) was expressed, with a N-terminal Met.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Activity

Measured in a cell proliferation assay using BALB/c 3T3 mouse fibroblasts.  
The ED<sub>50</sub> for this effect is typically 0.6-3 µg/mL.

### Purity

(39.1+60.0) % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Met

### Molecular Mass

The recombinant human FGF17 consists of 195 amino acids and predicts a molecular mass of 22.6 KDa. It migrates as an approximately 21 and 23 KDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 50mM Tris, 1M NaCl, PH 8.5

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

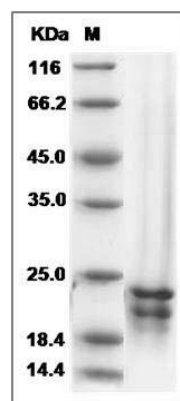
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human FGF17 Protein SDS-PAGE