

# Human FGF14/SCA27 (isoform 1B) recombinant protein



Catalog Number: 502241

## General Information

### Gene Name Synonym

Fibroblast growth factor homologous factor 4

### Protein Construction

A DNA sequence encoding the human FGF14 isoform 1B (NP\_787125.1) (Lys 64-Thr 252) was expressed and purified.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Activity

Measured by its ability to bind human FGFR4-Fc (Cat:501464) in a functional ELISA.

### Purity

> 97 % 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 FGF14 consisting of 190 amino acids and has a calculated molecular mass of 21.1KDa. It migrates as an approximately 18KDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.5

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

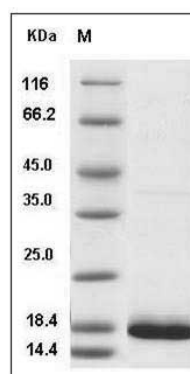
### Storage

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 FGF14 / SCA27 Protein (isoform 1B) SDS-PAGE