

## General Information

### Gene Name Synonym

Keratinocyte growth factor 2

### Protein Construction

A DNA sequence encoding the mature form of human FGF10 (NP\_004456.1) (Gln 38-Ser 208) was expressed.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Activity

Measured by its binding ability in a functional ELISA.

Immobilized human FGF10 at 10 µg/ml (100 µl/well) can bind Cynomolgus FGFR1-Fc (Cat#90075-C02H) with a linear range of 31.25-2000 ng/mL.

### Purity

> 98 % 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 FGF10 consists of 172 amino acids and has a predicted molecular mass of 19.6 kDa as estimated in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 20mM Tris, 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

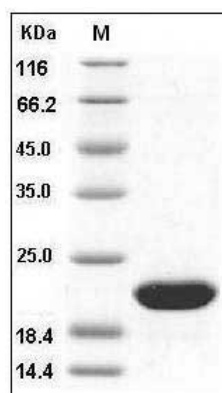
### Storage

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 FGF10 Protein SDS-PAGE