

# Mouse FGF7 / FGF-7 / KGF (His Tag) recombinant protein



Catalog Number: 502919

## General Information

### Gene Name Synonym

Heparin-binding growth factor 7; Keratinocyte growth factor

### Protein Construction

A DNA sequence encoding the mouse FGF7 (NP\_032034.1) (Cys32-Thr194) was expressed with a polyhistidine tag at the N-terminus.

### Organism

Mouse

### Expression Host

E. coli

## QC Testing

### Purity

> 90 % 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

His

### Molecular Mass

The recombinant mouse FGF7 consists of 181 amino acids and predicts a molecular mass of 21

kDa. It migrates as an approximately 25 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 10 mM Na<sub>2</sub>HPO<sub>4</sub>, 1.8 mM KH<sub>2</sub>PO<sub>4</sub>, 2.7 mM KCl, 140 mM NaCl, 15 % glycerol.

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

## Usage Guide

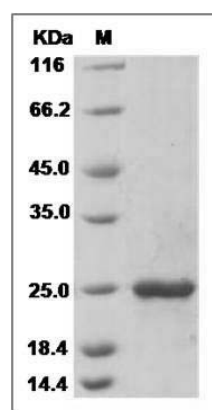
### Storage

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



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