

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 Na₂HPO₄, 1.8 mM KH₂PO₄, 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

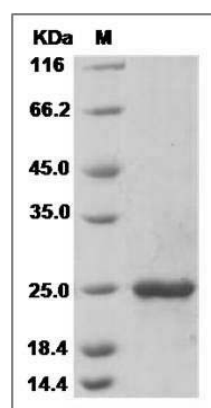
Storage

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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