

Recombinant Mouse Fgf7 protein(Cys32-Thr194), His-tagged

Cat. No. Fgf7-500M **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Mouse FGF7 (NP_032034.1) (Cys32-Thr194) was expressed in E. coli with a polyhistidine tag at the N-terminus. |
| Species | Mouse |
| Source | E.coli |
| ProteinLength | Cys32-Thr194 |
| Form | Lyophilized from sterile 10 mM Na ₂ HPO ₄ , 1.8 mM KH ₂ PO ₄ , 2.7 mM KCl, 140 mM NaCl, 15 % glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| Bio-activity | Measured in a cell proliferation assay using BaF3 mouse pro-B cells transfected with human FGFR2b. The ED50 for this effect is typically 20-100 ng/mL. |
| 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. |
| Purity | > 90 % as determined by SDS-PAGE |
| Storage | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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. |

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Fgf7 fibroblast growth factor 7 \[Mus musculus \]](#)

Official Symbol [Fgf7](#)

Synonyms FGF7; fibroblast growth factor 7; FGF-7; HBGF-7; Keratinocyte growth factor; heparin-binding growth factor 7; Kgf;

Gene ID [14178](#)

mRNA Refseq [NM_008008](#)

Protein Refseq [NP_032034](#)

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