

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA