

Active Recombinant Mouse Fgf7

Cat. No. Fgf7-597M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Fgf7 (Accession # NP_032034) Cys32-Thr194, fused with , was produced in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Cys32-Thr194
Predicted N Terminal	Cys32
Form	Lyophilized from a 0.2 µm filtered solution in MOPS, Na2SO4, EDTA and DTT with BSA as a carrier protein.
Bio-activity	Measured in a cell proliferation assay using 4MBr-5 rhesus monkey epithelial cells. Rubin, J.S. et al. (1989) Proc. Natl. Acad. Sci. USA 86:802. The ED50 for this effect is typically 10 - 50 ng/mL.
Molecular Mass	Recombinant Mouse Fgf7 has a calculated MW of 18.7 kDa. In SDS-PAGE migrates as 19 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

Reconstitution

Reconstitute at 10 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name

[Epyc epiphycan \[Mus musculus \(house mouse\) \]](#)

Official Symbol

Epyc

Synonyms

Dspg3; PG-Lb; SLRR3B; epiphycan; epiphycan; dermatan sulfate proteoglycan 3; dermatan sulphate proteoglycan 3; proteoglycan-Lb; small chondroitin/dermatan sulfate proteoglycan

Gene ID

[13516](#)

mRNA Refseq

[NM_007884.2](#)

Protein Refseq

[NP_031910.1](#)

MIM
UniProt ID

P70186

Chromosome Location

10 50.35 cM; 10 C2-C3

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