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 (4ºC); After reconstitution under sterile conditions for 3

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

	months (-70ºC).
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

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