

Active Recombinant Mouse Ereg

Cat. No. Ereg-595M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ereg (Accession # NP_031976) Val56-Leu101, fused with an N-term Met, was produced in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Val56-Leu101
Predicted N Terminal	Met
Form	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured in a cell proliferation assay using Balb/3T3 mouse embryonic fibroblast cells. Rubin, J.S. et al. (1991) Proc. Natl. Acad. Sci. USA 88:415. The ED50 for this effect is typically 0.3 - 1 ng/mL.
Molecular Mass	Recombinant Mouse Ereg, Met-tagged has a calculated MW of 5.5 kDa.
Purity	>97%, 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 months (-70°C).

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GENE INFORMATION

Gene Name	Epyc epiphycan [<i>Mus musculus</i> (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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