

Active Recombinant Mouse Egf

Cat. No. Egf-631M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Egf (Accession # NP_034243) Asn977-Arg1029, fused with an N-terminal Met, was produced in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Asn977-Arg1029
Predicted N Terminal	Met
Form	Lyophilized from a 0.2 µm filtered solution in Acetonitrile and TFA.
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 20 - 100 pg/mL.
Molecular Mass	Recombinant Mouse Egf, Met-tagged has a calculated MW of 6.2 kDa.
Purity	>95%, 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	Egf epidermal growth factor [Mus musculus]
Official Symbol	Egf
Synonyms	EGF; epidermal growth factor; pro-epidermal growth factor; Pro-epidermal growth factor precursor (EGF); AI790464;
Gene ID	13645
mRNA Refseq	NM_010113
Protein Refseq	NP_034243
MIM	

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