

Recombinant Mouse Egf protein

Cat. No. Egf-05H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Egf protein(P01132) was expressed in E.coli.
Species	Mouse
Source	E.coli
Form	Lyophilized from a 0.2 µm filtered solution in PBS, pH 7.4.
Bio-activity	Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using murine Balb/c 3T3 cells is less than 0.1 ng/ml, corresponding to a specific activity of $> 1.0 \times 10^7$ IU/mg.
Molecular Mass	Approximately 6.0 kDa, a single non-glycosylated polypeptide chain containing 53 amino acids, including 3 intramolecular disulfide-bonds.
AASequence	NSYPGCPSSY DGYCLNGGVC MHIESLDSYT CNCVIGYSGD RCQTRDLRWW ELR
Endotoxin	Less than 1 EU/µg of rMuEGF as determined by LAL method.
Purity	> 97 %
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.

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Reconstitution

Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at $\leq -20^{\circ}\text{C}$.

GENE INFORMATION

Gene Name Egf epidermal growth factor [*Mus musculus*]

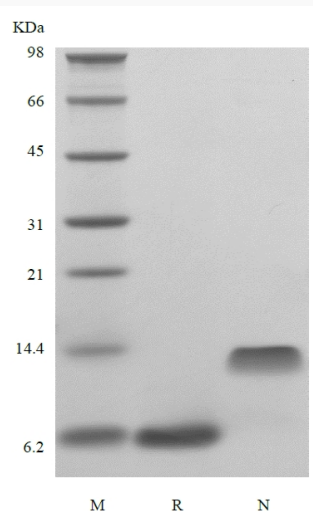
Official Symbol Egf

Synonyms EGF; epidermal growth factor; pro-epidermal growth factor; Pro-epidermal growth factor precursor (EGF); A1790464;

Gene ID 13645

mRNA Refseq NM_010113

Protein Refseq NP_034243

SDS-PAGE


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