

Active Recombinant Mouse EGF Protein

Cat. No. EGF-262M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse EGF Protein(P01132) (Asn977-Arg1029) was expressed in Yeast.
Species	Mouse
Source	Yeast
ProteinLength	Asn977-Arg1029
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured in a cell proliferation assay using Balb/c 3T3 mouse embryonic fibroblast cells. The ED50 for this effect is typically 30-180 pg/mL.
Molecular Mass	The recombinant mouse EGF consists of 53 amino acids and predicts a molecular mass of 6 KDa.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 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

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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

 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