

Recombinant Mouse Egf, Gly & Pro tagged

Cat. No. EGF-306M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Egf (P01132) (Asn977-Arg1029), fused with two additional amino acids (Gly & Pro) at the N-terminus, was produced in Human Cells.
Species	Mouse
Source	Human Cells
ProteinLength	977-1029 a.a.
Predicted N Terminal	Gly
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse EGF consists of 55 amino acids and predicts a molecular mass of 6.2 KDa. It migrates as an approximately 14 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

 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

be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. 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](#)

Gene ID [13645](#)

mRNA Refseq [NM_010113](#)

Protein Refseq [NP_034243](#)

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