

RP01045

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# Recombinant Mouse Pro-EGF Protein

Catalog No.: RP01045

Recombinant

## Sequence Information

Species	Gene ID	Swiss Prot
Mouse	13645	P01132

### Tags

C-His

### Synonyms

beta-urogastrone;EGF;epidermal growth factor (beta-urogastrone);epidermal growth factor;HOMG4;pro-epidermal growth factor;URG;Urogastrone;EGF

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

### Endotoxin

< 0.1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

### Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

## Background

## Basic Information

### Description

Recombinant Mouse Pro-EGF Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Trp29-Arg1029) of mouse Pro-EGF (Accession #NP\_034243.2) fused with a 6×His tag at the C-terminus.

### Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized Recombinant Mouse pro-EGF at 200 ng/mL (100 μL/well) can bind Recombinant Human EGFR with a linear range of 5-12 ng/mL.

### Storage

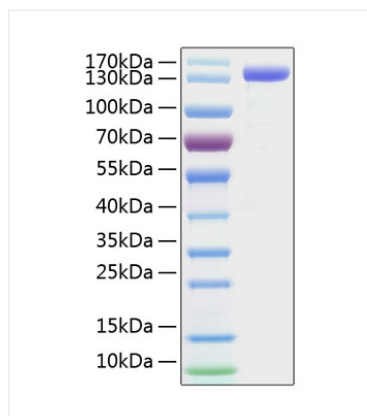
Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

## Contact

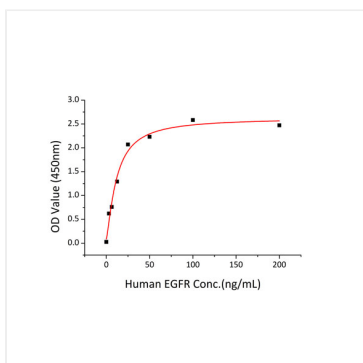


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## Validation Data



Recombinant Mouse Pro-EGF Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 150 kDa.



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