

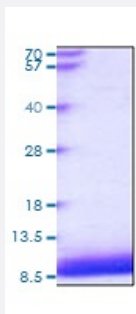
Bioactive

## Egf (Mouse) Recombinant Protein

Catalog # P6957

Size 20 ug

### Applications



### Result of bioactivity analysis

Result of bioactivity analysis

Egf (Mouse) Recombinant Protein in a cell proliferation assay using mouse Balb/3T3 cell. The ED50 range  $\leq 1$  ng/mL.

### Specification

Product Description	Mouse Egf (NP_034243, 977 a.a. - 1029a.a.) partial recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Host	Mouse
Theoretical MW (kDa)	8.6
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% by SDS-PAGE
Endotoxin Level	> 0.2 EU per 1ug of protein (determined by LAL method)

Activity	Measured in a cell proliferation assay using mouse Balb/3T3 cell. The ED <sub>50</sub> range ≤ 1 ng/ml.
Quality Control Testing	3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.
Recommend Usage	SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In 20mM Tris-HCl, 0.1 M NaCl, pH 8.0 (2 mM DTT, 10% glycerol)
Storage Instruction	Stored at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.
Note	Result of bioactivity analysis Result of bioactivity analysis Egf (Mouse) Recombinant Protein in a cell proliferation assay using mouse Balb/3T3 cell. The ED <sub>50</sub> range ≤ 1 ng/mL.

## Applications

- SDS-PAGE

## Gene Info — Egf

Entrez GeneID	<a href="#">13645</a>
Protein Accession#	<a href="#">NP_034243</a>
Gene Name	Egf
Gene Alias	AI790464
Gene Description	epidermal growth factor
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	Pro-epidermal growth factor precursor (EGF)