

Bioactive

# Egf (Mouse) Recombinant Protein

Catalog # P6275

Size 100 ug

## Applications

### Result of activity analysis

Result of activity analysis

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## Specification

Product Description	Mouse Egf (P01132) recombinant protein expressed in <i>E.Coli</i> .
Sequence	MNSYPGCPSSYDGYCLNGGVCMHIESLDSYTCNCVIGYSGDRCQTRDLRWWELR
Host	Escherichia coli
Theoretical MW (kDa)	6.2
Form	Lyophilized
Purity	>= 95%
Endotoxin Level	<= 1 EUs/ug (Kinetic LAL)
Activity	ED <sub>50</sub> <= 250 pg/mL BALB/c 3T3 cell proliferation  The values provided above are minimum expected values to pass internal requirements.
Quality Control Testing	Reducing and Non-Reducing SDS PAGE
Conformation	Monomer

**Storage Buffer**

Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate , pH 7.5.

**Storage Instruction**

Storage Prior to Reconstitution: -20°C.

Stored at -20°C to -80°C for 12 month.

After reconstitution with sterile water at 0.1 mg/mL, store at -20°C to -80°C for 3 months, store at 4°C for 1 month.

Aliquot to avoid repeated freezing and thawing.

**Note**

Result of activity analysis

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## Applications

- Western Blot
- Functional Study

## Gene Info — Egf

**Entrez GeneID**

[13645](#)

**Protein Accession#**

[P01132](#)

**Gene Name**

Egf

**Gene Alias**

AI790464

**Gene Description**

epidermal growth factor

**Gene Ontology**

[Hyperlink](#)

**Other Designations**

Pro-epidermal growth factor precursor (EGF)