

Recombinant Mouse Egf Protein, His-tagged

Cat. No. Egf-873M Lot. No. (See product label)

SPECIFICATION

| | |
|-----------------------------|---|
| Product Overview | Recombinant mouse Egf (AAH60741.1) (Met1-Arg1029) was expressed with a polyhistidine tag at the C-terminus. |
| Species | Mouse |
| Source | HEK293 |
| ProteinLength | 1-1029 a.a. |
| Predicted N Terminal | Trp 29 |
| Form | Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol. |
| Molecular Mass | The recombinant mouse Egf consists 1012 amino acids and predicts a molecular mass of 111.3 kDa. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method. |
| Purity | >90 % as determined by SDS-PAGE. |
| Stability | Samples are stable for up to twelve months from date of receipt at -70°C. |
| Storage | Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 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); AI790464;

Gene ID 13645

mRNA Refseq NM_010113

Protein Refseq NP_034243

MIM

UniProt ID

Pathway Bladder cancer, organism-specific biosystem; Bladder cancer, conserved biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Delta-Notch Signaling Pathway, organism-spe

Function calcium ion binding; epidermal growth factor receptor binding; epidermal growth factor receptor binding; growth factor activity; protein binding;

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