

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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