

Active Recombinant Mouse Egf protein, hFc-tagged, Low Endotoxin

Cat. No. Egf-868M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Egf protein(P01132)(977-1029 aa), fused with N-terminal hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	977-1029 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Measured in a cell proliferation assay using Balb/3T3 mouse embryonic fibroblasts. The ED50 for this effect is typically 0.4 - 3 ng/mL.
Molecular Mass	The protein has a predicted MW of 32.35 kDa. Due to glycosylation, the protein migrates to 35-40 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 90% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

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for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name Egf epidermal growth factor [*Mus musculus*]

Official Symbol Egf

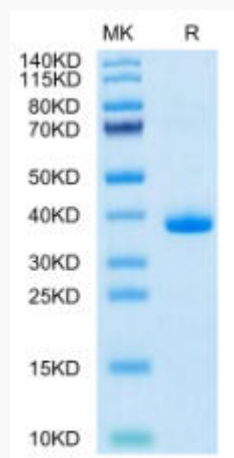
Synonyms EGF; epidermal growth factor; pro-epidermal growth factor; Pro-epidermal growth factor precursor (EGF); A1790464;

Gene ID 13645

mRNA Refseq NM_010113

Protein Refseq NP_034243

Bis-Tris PAGE

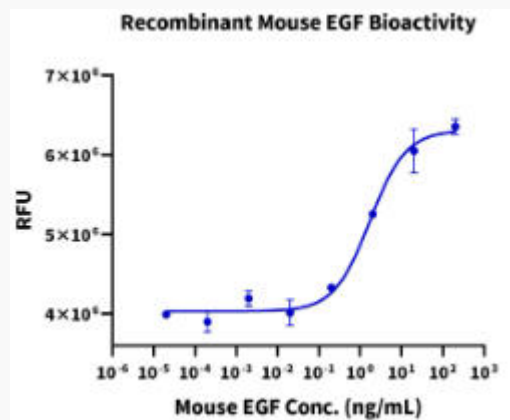


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Cell Based Assay



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