

Active Recombinant Mouse Epidermal Growth Factor, MIgG2a Fc-tagged, mutant

Cat. No. EGF-561M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of mouse EGF (AAH17681.1) (Asn960-Arg1012) is fused to the N-terminus of the Fc region of a mutant mouse IgG2a was expressed in CHO cell
Species	Mouse
Source	CHO
ProteinLength	960-1012 a.a.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured in a cell proliferation assay.
Molecular Mass	32KDa (monomer)
AA Sequence	Asn960-Arg1012
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" la="" test="">
Purity	>98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.

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Reconstitution	Reconstitute at 100µg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.
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
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-specific biosystem; Disease, organism-specific biosystem; EGFR downregulation, organism-specific biosystem;
Function	calcium ion binding; epidermal growth factor receptor binding; epidermal growth factor receptor binding; growth factor activity; protein binding;