

Recombinant Mouse Egf Protein, MYC/DDK-tagged

Cat. No. Egf-055M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse epidermal growth factor (Egf), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes epidermal growth factor (EGF), the founding member of the EGF family of growth factors that are implicated in cell proliferation and differentiation. The encoded protein can localize to the membrane and function in juxtacrine signaling or undergo proteolytic processing to generate a soluble form of the hormone. Mice lacking the encoded protein do not exhibit an abnormal phenotype but transgenic mice overexpressing the encoded protein exhibit hypospermatogenesis.
Molecular Mass	133.1 kDa
Purity	>80%, as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 ug/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Egf epidermal growth factor [*Mus musculus* (house mouse)]

Official Symbol Egf

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

Gene ID 13645

mRNA Refseq NM_010113

Protein Refseq NP_034243

UniProt ID P01132

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