

Active GMP Recombinant Rat Egf protein, Fc-tagged

Cat. No. Egf-023RG Lot. No. (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Rat Egf protein(NP_036974)(238 aa), fused with Fc Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Rat
Source	HEK293
ProteinLength	DNA sequence encoding Rat EGF(NCBI Reference Sequence: NP_036974.) was expressed with Fc tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	$\geq 1 \times 10^7$ IU/mg
Molecular Mass	Recombinant Rat EGF contains 238 aa. It has a predicted MW of 33.1 kDa.
Endotoxin	<0.1EU/ug
Purity	$\geq 95\%$ by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Egf epidermal growth factor [Rattus norvegicus]

Official Symbol Egf

Synonyms Epidermal Growth Factor; Urogastrone; URG

Gene ID 25313

mRNA Refseq NM_012842

Protein Refseq NP_036974

UniProt ID P07522

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