

Rat EGF / Epidermal Growth Factor Protein

Catalog Number: 80446-RNAE



Sino Biological Inc.

Biological Solution Specialist

General Information

Gene Name Synonym:

EGF

Protein Construction:

A DNA sequence encoding the rat EGF (NP_036974.1) (Asn974-Arg1026) was expressed and purified with an initial Met.

Source: Rat

Expression Host: E. coli

QC Testing

Purity: > 95 % as determined by SDS-PAGE

Bio-Activity:

Measured in a cell proliferation assay using BALB/c 3T3 mouse fibroblasts. The ED50 for this effect is typically 0.01-0.05 ng/ml.

Endotoxin:

Please contact us for more information.

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Met

Molecular Mass:

The recombinant rat EGF consists of 54 amino acids and has a predicted molecular mass of 6.3 kDa. The apparent molecular mass of the recombinant protein is approximately 6-9 kDa in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

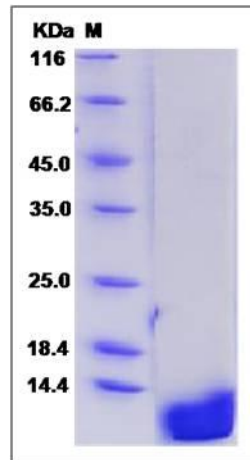
Usage Guide

Storage:

Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

SDS-PAGE:



Reconstitution:

Detailed reconstitution instructions are sent along with the products.

Manufactured By Sino Biological Inc., FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

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