

General Information

Gene Name Synonym

EGF [Cleaved into: Epidermal growth factor; Urogastrone]

Protein Construction

A DNA sequence encoding the mature form of human EGF (NP_001954.2) (Asn 971-Arg 1023) was expressed and purified with an initial Met at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1 EU per mg protein as determined by the LAL method.

Stability

Samples are stable for up to twelve months from

date of receipt at -70°C

Predicted N terminal

Met

Molecular Mass

The recombinant human EGF consists of 54 amino acids and has a calculated molecular mass of 6.3 kDa.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.

2. Please contact us for any concerns or special requirements.

Usage Guide

Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.