

Active Recombinant Human EGF, His-tagged

Cat. No. EGF-470H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EGF (Accession # CAA28240) Met1-Arg1023, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	1-1023 a.a.
Predicted N Terminal	Ser21
Form	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured in a cell proliferation assay using Balb/3T3 mouse embryonic fibroblast cells. Rubin, J.S. et al. (1991) Proc. Natl. Acad. Sci. USA 88:415. The ED50 for this effect is typically 1-5 ng/mL.
Molecular Mass	Recombinant Human EGF, His-tagged has a calculated MW of 112 kDa. In SDS-PAGE migrates as 138-145 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name EGF epidermal growth factor [Homo sapiens]

Official Symbol EGF

Synonyms EGF; epidermal growth factor; epidermal growth factor (beta urogastrone); pro-epidermal growth factor; beta-urogastrone; URG; HOMG4;

Gene ID 1950

mRNA Refseq NM_001178130

Protein Refseq NP_001171601

MIM 131530

UniProt ID P01133

Chromosome Location 4q25

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA