

Active GMP Recombinant Human EGF Protein

Cat. No. EGF-01HG Lot. No. (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human EGF Protein(P01133)(971-1023 aa) was expressed in CHO.
Species	Human
Source	CHO
ProteinLength	971-1023 aa
Form	PBS,5% mannitol and 0.01% Tween 80, pH7.4
Bio-activity	Measured in a cell proliferation assay using NIH3T3 mouse embryonic fibroblast Cells. The ED50 for this effect ≤ 0.3 ng/mL.
Molecular Mass	6.2 kDa
AASequence	NSDSECPLSHDGYCLHDGVCMYIEALDKYACNCVVG YIGERCQYRDLKWWELR
Endotoxin	≤ 10 EU/mg by the LAL method
Purity	$\geq 95\%$, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)
Storage	36 months at -20°C to -80°C in lyophilized state; 6 months at -20°C to -80°C under sterile conditions after reconstitution; 7-10 days at 2°C to 8°C under sterile conditions

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after reconstitution; Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution It is recommended to redissolve in sterile deionized water.

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

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