

Active Recombinant Human EGF protein, His-tagged

Cat. No. EGF-2169H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EGF protein(NP_001954.2)(Asn 971 - Arg 1023), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Asn 971 - Arg 1023
Form	PBS, pH7.4
Bio-activity	Immobilized Human EGF, His Tag at 2 µg/mL (100 µL/well) can bind Human EGF R, Fc Tag with a linear range of 0.2-5 ng/mL.
Molecular Mass	8.3 kDa
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended to reconstitute the lyophilized powder in sterile water to 100-200

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ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

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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