

Recombinant Human EGF

CATALOG #: 4022-100 100 µg
4022-500 500 µg
4022-1000 1 mg
4022-5000 5 mg

SOURCE: *E. coli*

PURITY: >98% by SDS-PAGE and HPLC analyses
Endotoxin level is <0.1 ng per µg of EGF.

MOL. WEIGHT: 6.2 kDa

FORM: Lyophilized with no additives

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

STORAGE CONDITIONS:

The lyophilized EGF is best-stored desiccated below 0°C. Reconstituted EGF should be stored at -20°C in working aliquots.

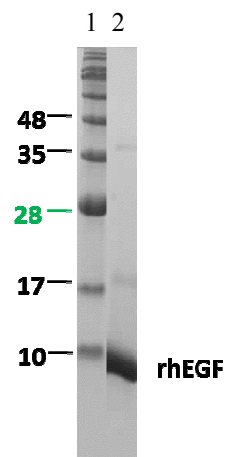
DESCRIPTION:

EGF (Epidermal Growth Factor) is polypeptide growth factor that stimulates the proliferation of a wide range of epidermal and epithelial cells. Recombinant human EGF is a 6.2 kDa protein containing 53 amino acid residues. This recombinant human EGF has an N-terminal His-tag preceding the 53 amino acid sequence (MW = 8.5 kDa)

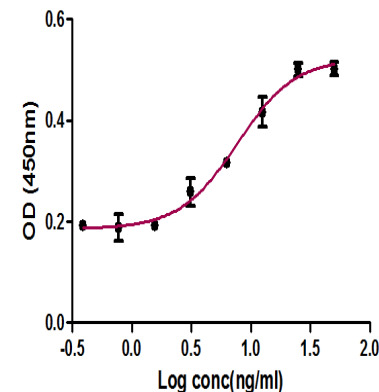
BIOLOGICAL ACTIVITY:

The EC₅₀ as determined by the dose-dependent stimulation of BALB/c 3T3 cells is 5.92-10.06 ng/ml.

FOR RESEARCH USE ONLY! Not to be used in human subjects.



Lane 1: Marker
Lane 2: ~18 µg rhEGF



EGF, human recombinant

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