

Recombinant Murine EGF

CATALOG #:	4023-100	100 µg
	4023-500	500 µg
	4023-1000	1 mg
	4023-5000	5 mg
SOURCE:	<i>E. coli</i>	
PURITY:	>98% by SDS-PAGE and HPLC analyses Endotoxin level is <0.1 ng per µg of EGF.	
MOL. WEIGHT:	6.0 kDa	
FORM:	Lyophilized with no additive	

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration 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 in working aliquots at -20°C.

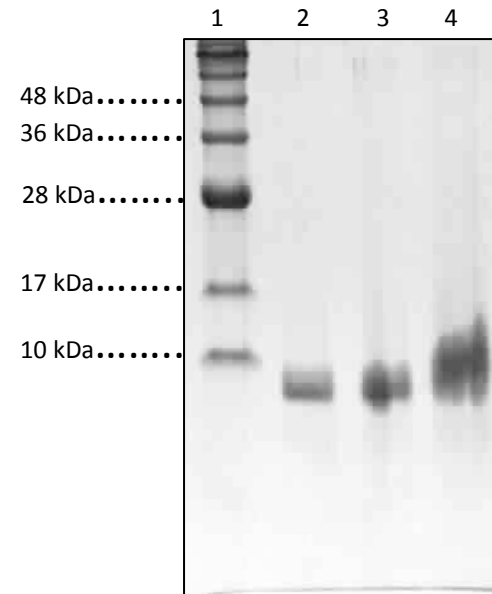
DESCRIPTION:

EGF (Epidermal Growth Factor) is polypeptide growth factor that stimulates the proliferation of a wide range of epidermal and epithelial cells. Recombinant murine EGF is a 6.0 kDa protein containing 53 amino acid residues.

BIOLOGICAL ACTIVITY:

The ED₅₀ as determined by a cell proliferation assay using BALB/c 3T3 cells is ≤ 0.1 ng/ml, corresponding to a specific activity of ≥ 1x 10⁷ units/mg.

FOR RESEARCH USE ONLY! Not to be used on humans.



12% SDS-PAGE of undigested rm EGF

Lane 1: MW Markers
Lane 2: rm EGF (1 µg)
Lane 3: rm EGF (2 µg)
Lane 4: rm EGF (3 µg)

RELATED PRODUCTS:

- EGF, human recombinant (Cat # 4022-100, -500, -1000, -5000)
- EGF, rat recombinant (Cat # 4024-20, -100, -1000)
- EGF Receptor, human recombinant (Cat # 7135-10, -50)
- EGF Antibody (Cat # 5022-200)
- EGF Antibody (Cat # 5023R-200)
- EGF Antibody (Cat # 5023-200)