

Code; RP602
Lot;
Size; 50 µg



EGF

recombinant epidermal growth factor (human)

Recombinant EGF (Accession No. P01133) was produced in the *E. coli* cell-free translation system.

EGF has the N-terminal ProX(ttt) tag, which is the sequence tag optimized for high productivity, and has the C-terminal hexahistidine tag.

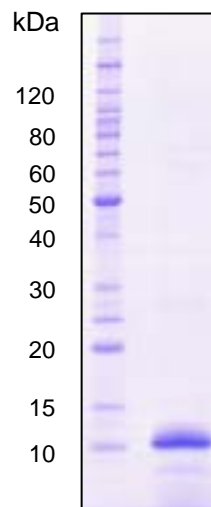
The concentration of the recombinant EGF was measured by coomassie staining using with bovine serum albumin as a standard. Recombinant EGF was purified by metal chelating-column.

Package; 50 µg
1.0 mg/ml solution,
0.1 % (v/w) polyoxyethylene (23) lauryl ether
in PBS

Activity; The ED₅₀ is 200 pg/ml, determined by cell
proliferation assay using BALB/c3T3 cells.

Storage; -80°C

MW; 9.1 kDa



SDS-PAGE analysis of purified EGF

ProX(ttt) tag

EGF (53 amino acids)

His₆ tag

ProX(ttt) tag; Met Ser Lys Gln Ile Glu Val Asn Phe Ser Asn Glu

For Research Use Only. Not for use in diagnostic procedures

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