

## Epidermal Growth Factor Recombinant Protein

### Product Specifications

<b>Catalog Number:</b>	908-060
<b>Protein Species:</b>	Human
<b>Application Notes:</b> <i>The optimal dilution for a specific application must be determined by the investigator</i>	<b>ELISA:</b> Yes <b>In vitro Assays:</b> Yes <b>WB:</b> Yes
<b>Purity:</b>	>98.0% as determined by SDS-PAGE and RP-HPLC analysis
<b>Format:</b>	Sterile filtered liquid lyophilized from a concentrated solution with no additives. It is recommend to reconstitute this protein in sterile 18MQ-cm H <sub>2</sub> O not less than 100µg/ml.
<b>Biological Activity:</b>	Fully biologically active when compared to World Health Organization (WHO) reference standards. <i>The ED50, calculated by the dose-dependant proliferation of murine BALB/c 3T3 cells (measured by <sup>3</sup>H-thymidine uptake) is &lt; 0.1 ng/mL, corresponding to a specific activity of 1 x 10<sup>7</sup> Units/mg.</i>
<b>Storage:</b> <i>Shipping conditions may differ from the recommended storage temperature</i>	Lyophilized; store desiccated below -18°C; store reconstituted below -18°C (0.1 % HSA or BSA recommended)
<b>Related Products:</b>	
905-707	EGFR (phospho-Tyr1068) Polyclonal Antibody
905-753	EGFR (phospho-Tyr1173) Polyclonal Antibody
CSA-331	EGFR (phospho-Tyr845) Polyclonal Antibody
CSA-330	EGFR Monoclonal Antibody (6F1)

### Background:

Recombinant human EGF produced in *E.coli* as a single, non-glycosylated, polypeptide chain containing 53 amino acids having a molecular mass of 6222 Daltons.

**FOR RESEARCH USE ONLY; NOT FOR THERAPEUTIC OR DIAGNOSTIC USE**

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