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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

EGF (Human) Recombinant Protein

Catalog Number: P9948

Regulation Status: RUO grade

Product Description: Human EGF recombinant protein with His tag at the C-terminus expressed in *Escherichia coli*.

Host: *Escherichia coli*

Theoretical MW (kDa): Calculated MW: 7.16

Regulatory Status: RUO grade

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Lyophilized

Preparation Method: *Escherichia coli* expression system

Purity: > 95% by SDS-PAGE

Endotoxin Level: < 0.1 EU/ug

Activity: The ED₅₀ for this effect is < 1 ng/mL, measured by its ability to induce 3T3 cells proliferation. The specific activity of recombinant human EGF is approximately > 1.0 × 10⁶ IU/mg.

Recommend Usage: SDS-PAGE

The optimal working dilution should be determined by the end user.

Storage Buffer: Lyophilized from PBS, pH 8.0.
Reconstitute the lyophilized protein in sterile H₂O to a concentration of at least 200 ug/mL and incubate the stock solution for at least 20 min to ensure sufficient redissolution. Please use the protein within one month after reconstitution.

Storage Instruction: Store at -20°C for 12 months in lyophilized state.
After reconstitution with deionized water, store at -20 or -80°C for 1 month.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1950

Gene Symbol: EGF

Gene Alias: HOMG4, URG

Gene Summary: Epidermal growth factor has a profound effect on the differentiation of specific cells in vivo and is a potent mitogenic factor for a variety of cultured cells of both ectodermal and mesodermal origin. The EGF precursor is believed to exist as a membrane-bound molecule which is proteolytically cleaved to generate the 53-amino acid peptide hormone that stimulates cells to divide. [provided by RefSeq]