



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

EGF (Human) Recombinant Protein

Catalog Number: P8122

Regulation Status: For research use only (RUO)

Product Description: Human EGF (P01133, 971 a.a. - 1023 a.a.) partial length recombinant protein expressed in *Escherichia coli*.

Sequence:

NSDSECPLSHDGYCLHDGVCMYIEALDKYACNCVVG
YIGERCQYRDLKWWELR

Host: *Escherichia coli*

Theoretical MW (kDa): 6.2

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: > 98% by SDS-PAGE

Activity: ED₅₀ is < 0.1 ng/mL, measured by a cell
proliferation assay using murine BALB/c 3T3 cells,
corresponding to a specific activity of > 1.0 x 10⁷
units/mg.

Storage Buffer: Lyophilized from sterile distilled Water
up to 100 ug/ml

Storage Instruction: Store at 2°C to 8°C for 1 week.
For long term storage, aliquot and store at -20°C to
-80°C.
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]