



# 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## Datasheet

### EGFR (Human) Recombinant Protein (P02)

**Catalog Number:** H00001956-P02

**Regulation Status:** For research use only (RUO)

**Product Description:** Human EGFR full-length ORF ( NP\_958440.1, 1 a.a. - 405 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MRPSGTAGAALLALLAALCPASRALEEKVKVCGQTSNK  
LTQLGTFEDHFLSLQRMFNCEVVLGNLEITYVQRNY  
DLSFLKTIQEVAGYVLIALNTVERIPLNLIIRGNMYE  
NSYALAVLSNYDANKTGLKELPMRNLQEILHGAVRFSN  
NPALCNVESIQWRDIVSSDFLSNMSMDFQNHGSCQK  
CDPSCPNGSCWGAGEENCQKLTKIICAQQCSGRCRG  
KSPSDCCHNQCAAGCTGPRESCLVCRKFRDEATCK  
DTCPLMLYNPTTYQMDVNPEGKYSFGATCVKKCPR  
NYVVTDHGSCVRACGADSYEMEEDGVRKCKKCEGP  
CRKVCNGIGIGEFKDSLSINATNIKHFNCTSIGDLHIL  
PVAFRGDSFTHTPPLDPQELDILKTVKEITGLS

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 71.1

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

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

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 1956

**Gene Symbol:** EGFR

**Gene Alias:** ERBB, ERBB1, HER1, PIG61, mENA

**Gene Summary:** The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer. [provided by RefSeq]

**References:**

1. Temporal regulation of EGF signalling networks by the scaffold protein Shc1. Zheng Y, Zhang C, Croucher DR, Soliman MA, St-Denis N, Pasulescu A, Taylor L, Tate SA, Hardy WR, Colwill K, Dai AY, Bagshaw R, Dennis JW, Gingras AC, Daly RJ, Pawson T Nature. 2013 Jul 11;499(7457):166-71. doi: 10.1038/nature12308.