



# 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

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## Datasheet

### E2F4 (Human) Recombinant Protein (P01)

**Catalog Number:** H00001874-P01

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

**Product Description:** Human E2F4 full-length ORF ( NP\_001941.2, 1 a.a. - 413 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAEAGPQAPPPPGTSPSRHEKSLGLLTTKFVSLLEAK  
DGVLDLKLAAADTLAVRQKRRIYDITNVLEGIGLIEKSK  
NSIQWKGVGPNCNTREIADKLIELKAEIEELQQREQEL  
DQHKVWVQQSIRNVTEVDQNSCLAYVTHEDICRCFAG  
DTLLAIRAPSGTSLEVPIPEGLNGQKQYIHLKSVSGPI  
EVLLVNKEAWSSPPVAVPVPPEDLLQSPSAVSTPPP  
LPKPALAQSQEASRPNSPQLTPTAVPGSAEVQGMAG  
PAAEITVSGGPGTDSKDSGELSSPLPGPTTLDTRPLQS  
SALLDSSSSSSSSSSSSNSNSSSSSSGPNPSTSFPEIK  
ADPTGVLELPELSEIFDPTRECMSELLEELMSSEVF  
APLLRLSPPPGDHDYIYNLDESEGVCDLFDVPVLNL

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

**Theoretical MW (kDa):** 70.4

**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:** 1874

**Gene Symbol:** E2F4

**Gene Alias:** E2F-4

**Gene Summary:** The protein encoded by this gene is a member of the E2F family of transcription factors. The E2F family plays a crucial role in the control of cell cycle and action of tumor suppressor proteins and is also a target of the transforming proteins of small DNA tumor viruses. The E2F proteins contain several evolutionarily conserved domains found in most members of the family. These domains include a DNA binding domain, a dimerization domain which determines interaction with the differentiation regulated transcription factor proteins (DP), a transactivation domain enriched in acidic amino acids, and a tumor suppressor protein association domain which is embedded within the transactivation domain. This protein binds to all three of the tumor suppressor proteins pRB, p107 and p130, but with higher affinity to the last two. It plays an important role in the suppression of proliferation-associated genes, and its gene mutation and increased expression may be associated with human cancer. [provided by RefSeq]