



# 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

### PA2G4 (Human) Recombinant Protein (P01)

**Catalog Number:** H00005036-P01

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

**Product Description:** Human PA2G4 full-length ORF ( NP\_006182.2, 1 a.a. - 394 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MSGEDEQQEQTIAEDLVVTKYKMGGDIANRVLRLSLVE  
ASSSGVSVLSLCEKGDAMIMEETGKIFKKEKEMKKGIA  
FPTSISVNNVCVCHFSPKSDQDYILKEGDLVKIDLVGHV  
DGFIANVAHTFVVDVAQGTQVTGRKADVIKAAHLCAEA  
ALRLVKPGNQNTQVTEAWNKAHSFNCTPIEGMLSHQ  
LKQHVIDGEKTIIQNPTDQQKKDHEKAEFEVHEVYAVD  
VLVSSGEGKAKDAGQRTTIYKRDPKQYGLKMKTSRA  
FFSEVERRFDAMPFTLRAFEDKARMGVVECAKHEL  
LQPFNVLYEKEGEFVAQFKFTVLLMPNGPMRITSGPFE  
PDLYKSEMEVQDAELKALLOSSASRKTQKKKKKKKASK  
TAENATSGETLEENEAGD

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

**Theoretical MW (kDa):** 70.2

**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:** 5036

**Gene Symbol:** PA2G4

**Gene Alias:** EBP1, HG4-1, p38-2G4

**Gene Summary:** This gene encodes an RNA-binding protein that is involved in growth regulation. This protein is present in pre-ribosomal ribonucleoprotein complexes and may be involved in ribosome assembly and the regulation of intermediate and late steps of rRNA processing. This protein can interact with the cytoplasmic domain of the ErbB3 receptor and may contribute to transducing growth regulatory signals. This protein is also a transcriptional co-repressor of androgen receptor-regulated genes and other cell cycle regulatory genes through its interactions with histone deacetylases. This protein has been implicated in growth inhibition and the induction of differentiation of human cancer cells. Six pseudogenes, located on chromosomes 3, 6, 9, 18, 20 and X, have been identified. [provided by RefSeq]