



# 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

### PES1 (Human) Recombinant Protein (P02)

**Catalog Number:** H00023481-P02

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

**Product Description:** Human PES1 full-length ORF ( NP\_055118.1, 1 a.a. - 588 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MGGLEKKKYERGSATNYITRNKARKKLQLSLADFRRL  
CILKGIYPHEPKHKKKVNKGSTAARTFYLIKDIRFLLHEP  
IVNKFREYKVFVRKLRKAYGKSEWNTVERLKDKNPNY  
KLDHIIKERYPTFIDALRDLDALSMCFLFSTFPRTGKC  
HVQTIQLCRRLTVEFMHYIIAARALRKVFLSIKGIYYQAE  
VLGQPIVWITPYAFSHDPTDVDYRVMATFTEFYTTLL  
GFVNFRLYQLNLHYPPKLEGQAQAEAKAGEGTYALD  
SESCMEKLAALSASLARVVVPATEEEAEVDEFPTDGE  
MSAQEEDRRKELEAQEKHKKLFEGLKFFLNREVPREA  
LAFIIRSFSGGEVSWDKSLCIGATYDVTDSTRITHQIVDRP  
GQQTSVGRCYVQPQWVFDSVNARLLLPVAEYFSGV  
QLPPHLSPFVTEKEGDYVPPEKLKLLALQRGEDPGL  
NESEEEEEEDDNEGDGDEEGENESEEEEDAEAGSEK  
EEEARLAALAEQRMKGKPRVMAGTLKLEDKQRLAQ  
EESEAKRLAIMMMKKREKYLQKIMFGKRRKIREANK  
LAEKRAHDEAVRSEKKAKKARPE

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

**Theoretical MW (kDa):** 94.4

**Interspecies Antigen Sequence:** Mouse (89); Rat (90)

**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:** 23481

**Gene Symbol:** PES1

**Gene Alias:** PES

**Gene Summary:** This gene encodes a protein that is abnormally elevated in malignant tumors of astrocytic origin. It is a strongly conserved gene containing a BRCT domain that is essential for the activity of this gene product. The gene plays a crucial role in cell proliferation and may be necessary for oncogenic transformation and tumor progression. [provided by RefSeq]