



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### PHB2 (Human) Recombinant Protein (P01)

**Catalog Number:** H00011331-P01

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

**Product Description:** Human PHB2 full-length ORF (AAH14766.1, 1 a.a. - 299 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAQNLKDLAAGRLPAGPRGMGTALKLLLGAGAVAYGV  
RESVFTVEGGHRAIFFNRIGGVQQDTILAEGLHFRIPW  
FQYPIIYDIRARPRKISSPTGSKDLQMVNISRVLSPN  
AQELPSMYQRLGLDYEERVLPSIVNEVLKSVVAKFNAS  
QLITQRAQVSLIRRELTERAKDFSLILDDVAITELSF  
EYTAAVEAKQVAQQAQRAQFLVEKAKQEQRQKIVQA  
EGEAEAAKMLGEALSKNPGYIKLRKIRAAQNISKTIATS  
QNRIYLTADNLVNLQDESFTRGSDSLIKGKK

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

**Theoretical MW (kDa):** 58.63

**Interspecies Antigen Sequence:** Mouse (100); Rat (99)

**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:** 11331

**Gene Symbol:** PHB2

**Gene Alias:** BAP, BCAP37, Bap37, MGC117268, PNAS-141, REA, p22

**References:**

1. Small-molecule screening yields a compound that inhibits the cancer-associated transcription factor Hes1 via the PHB2 chaperone. Perron A, Nishikawa Y, Iwata J, Shimojo H, Takaya J, Kobayashi K, Imayoshi I, Mbenza NM, Takenoya M, Kageyama R, Kodama Y, Uesugi M. J Biol Chem. 2018 May 25;293(21):8285-8294. doi: 10.1074/jbc.RA118.002316. Epub 2018 Mar 9.
2. Identification and validation of new autoantibodies for the diagnosis of DCIS and node negative early-stage breast cancers. Lacombe J, Mange A, Jarlier M, Bascoul-Mollevi C, Rouanet P, Lamy PJ, Maudelonde T, Solassol J. Int J Cancer. 2012 Aug 7. doi: 10.1002/ijc.27766.