



# 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

### PKP2 (Human) Recombinant Protein (P01)

**Catalog Number:** H00005318-P01

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

**Product Description:** Human PKP2 full-length ORF (ADR83411.1, 1 a.a. - 837 a.a.) recombinant protein with GST tag at N-terminal.

**Sequence:**

MAAPGAPAEYGYIRTVLGGQILGQLDSSSLALPSEAKL  
KLAGSSGRGGQTVKSLRIQEQQTLARKGRSSVGN  
GNLHRTSSVPEYVYNLHLVENDFVGGRSVPKTYDML  
KAGTTATYEGRWGRGTAQYSSQKSVEERSLRHPLRR  
LEISPDSSPERAHYTHSDYQYSQRSQAGHTLHHQESR  
RAALLVPPRYARSEIVGVSRAQTTSRQRHFDYHRQY  
QHGSVSDTVFDSIPANPALLTYPRPGTSRSMGNLLEK  
ENYLTAGLTVGQVRPLVPLQPVTQNRASRSSWHQSS  
FHSTRTLREAGPSVAVDSSGRRAHLTVGQAAAGGSG  
NLLTERSTFTDSQLGNADMMENTLERAVSMLEADHMLP  
SRISAAATFIQHECFQKSEARKRVNQLRGILKLLQLLKV  
QNEDEVQRAVCGALRNLFEDNDNKLEVAELNGVPRLL  
QVLKQTRDLETKKQITGLLWNLSSNDKLNLMITEALLT  
LTENIIIPFSGWPEGDYPKANGLLDFDIFYNVTGCLRNM  
SSAGADGRKAMRRCDGLIDSLVHYVRGTIADYQPDDK  
ATENCVCILHNLSYQLEAELPEKYSQNIYIQNRNIQTDN  
NKSIGCFGSRSRKVKEQYQDVMPPEEKSNPKGVEWL  
WHSIVIRMYLSLIAKSVRNYTQEASLGALQNLTAGSGP  
MPTVAQTVVQKESGLQHTRKMLHVGDPVSKKTAISL  
LRNLSRNLSQLNEIAKETLPDLVSIIPDTPSTDLLIETTA  
SACYTLNIIQNSYQNARDLLNTGGIQKIMASAGDAYA  
SNKASKAASVLLYSLWAHTELHHAYKKAQFKKTDVFN  
SRTAKAYHSLKD

**Theoretical MW (kDa):** 118.5

**Interspecies Antigen Sequence:** Mouse (78); Rat (79)

**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:** 5318

**Gene Symbol:** PKP2

**Gene Alias:** ARVD9, MGC177501

**Gene Summary:** This gene encodes a member of the arm-repeat (armadillo) and plakophilin gene families. Plakophilin proteins contain numerous armadillo repeats, localize to cell desmosomes and nuclei, and participate in linking cadherins to intermediate filaments in the cytoskeleton. This gene product may regulate the signaling activity of beta-catenin. Two alternately spliced transcripts encoding two protein isoforms have been identified. A processed pseudogene with high similarity to this locus has been mapped to chromosome 12p13. [provided by RefSeq]