



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

### PRCC (Human) Recombinant Protein (P01)

**Catalog Number:** H00005546-P01

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

**Product Description:** Human PRCC full-length ORF (AAH10450, 1 a.a. - 491 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MSLVAYASSDESEPDEAEPEPEEEEEAVAPTSGPALGG  
LFASLPAPKGPALLPPPQMLAPAFPPPLLLPPPTGDP  
RLQPPPLPFGGLGGFPPPPGVSPAEEAAGVGEGLGLGL  
PSPRGPGLNLPPIGGAGPPLGLPKPKRKEPVKIAAP  
ELHKGDSDEEPTKKTILQGSSEGTGLSALLPQPK  
NLTVKETNRLLLPHAFSRKPSDGSPTKPSRLASKTKT  
SSLAPVVGTTTTTTPSPAIAKAAKSAALQVTKQITQEED  
DSDEEVAPENFFSLPEKAEPPGVEPYPIPTVPEELP  
PGTEPEPAFQDDAANAPLEFKMAAGSSGAPWMPKPG  
DDYSYNQFSTYGDANAAGAYYQDYSSGGYYPAQDPA  
LVPTQEIAPDASFIDDEAFKRLQGKRNRGEEINFVEIK  
GDDQLSGAQWMTKSLTEEKTMKSFSKKGQPTG  
QRRRKHQITYLIHQAKERELELKNTWSENKLSRRQTQ  
AKYGF

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

**Theoretical MW (kDa):** 79.75

**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:** 5546

**Gene Symbol:** PRCC

**Gene Alias:** MGC17178, MGC4723, RCCP1, TPRC

**Gene Summary:** In a subset of papillary renal cell carcinomas, a t(X;1)(p11;q21) chromosome translocation has been repeatedly reported and is thought to be the cause of the cancer. As a result of the translocation, the transcription factor TFE3 on the X chromosome becomes fused to this gene on chromosome 1. The fused gene results in the fusion of N-terminal proline-rich region of the protein encoded by this gene to the entire TFE3 protein. This protein has been shown to interact with the mitotic checkpoint protein MAD2B, which suggests that the dominant-negative effect of the fusion protein with TFE3 may lead to a mitotic checkpoint defect. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq]