



# 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

### PCCA (Human) Recombinant Protein (P01)

**Catalog Number:** H00005095-P01

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

**Product Description:** Human PCCA full-length ORF ( AAH00140.1, 1 a.a. - 703 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MLSAALRTLKHVLYYSRQCLMVSRNLGSVGYPNEKT  
FDKILVANRGEIACRVIRTCKKMGIKTVAIHSDVDASSV  
HVKMADEAVCVGPAPTSKSYLNMDAIMEAIKKTRAQA  
VHPGYGFLSENKEFARCLAAEDVFIGPDTHAIQAMG  
DKIESKLLAKKAEVNTIPGFDGVVKDAEEAVRIAREIGY  
PVMIKASAGGGGKGMRIAWDDEETRDGFRLSSQEAA  
SSFQDDRLLEIKFIDNPRHIEIQVLGDKHGNALWLNERE  
CSIQRNQNKVVEEAPSIFLDAETRRAMGEQAVALAR  
VKYSSAGTVEFLVDSKKNFYFLEMNTRLQVEHPVTECI  
TGLDLVQEMIRVAKGYPLRHKQADIRINGWAVECRVY  
AEDPYKSFGLPSIGRLSQYQEPLHLPVVRVDSGIQPG  
SDISIIYDPMISKLITYGSDRTEALKRMADALDNYVIRG  
VTHNIALLRVIINSRFVKGDISTKFLSDVYPDGFKGHM  
LTKSEKNQLLAIASSLFVAFQLRAQHFEQNSRMPVIKP  
DIANWELSVKLDKDVHTVVASNNGSVFSVEVDGSKLN  
VTSTWNLASPLLSVSDGTQRTVQCLSREAGGNMSIQ  
FLGTVYKVNILTRLAAELNKFMLEKVTEDTSSVLRSPM  
PGVVAVSVKPGDAVAEGQEICVIEAMKMQNSMTAGK  
TGTVKSVCQAGDTVGEGLLVELE

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

**Theoretical MW (kDa):** 103.8

**Interspecies Antigen Sequence:** Mouse (91); 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:** 5095

**Gene Symbol:** PCCA

**Gene Alias:** -

**Gene Summary:** The protein encoded by this gene is the alpha subunit of the heterodimeric mitochondrial enzyme Propionyl-CoA carboxylase. PCCA encodes the biotin-binding region of this enzyme. Mutations in either PCCA or PCCB (encoding the beta subunit) lead to an enzyme deficiency resulting in propionic acidemia. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]