



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### PRNP (Human) Recombinant Protein (P02)

**Catalog Number:** H00005621-P02

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

**Product Description:** Human PRNP full-length ORF ( ENSP00000368752, 1 a.a. - 253 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MANLGCWMLVLFVATWSDLGLCKKRPKPGGWNTGG  
SRYPGQGSPGGNRYPPQGGGGWGQPHGGGWGQP  
HGGGWGQPHGGGWGQPHGGGWGQGGGTHSQWN  
KPSKPKTNMKHMAGAAAAGAVVGLGGYMLGSAMS  
RPIIHFGSDYEDRYRENMHRYPNQVYYRPMDEYSN  
QNNFVHDCVNITIKQHTVTTTTKGENFTETDVKMMER  
VVEQMCITQYERESQAYYQRGSSMVLFSPPVILLISF  
LIFLIVG

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

**Theoretical MW (kDa):** 54.1

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

**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:** 5621

**Gene Symbol:** PRNP

**Gene Alias:** ASCR, CD230, CJD, GSS, MGC26679, PRIP, PrP, PrP27-30, PrP33-35C, PrPc, prion

**Gene Summary:** The protein encoded by this gene is a membrane glycosylphosphatidylinositol-anchored glycoprotein that tends to aggregate into rod-like structures. The encoded protein contains a highly unstable region of five tandem octapeptide repeats. This gene is found on chromosome 20, approximately 20 kbp upstream of a gene which encodes a biochemically and structurally similar protein to the one encoded by this gene. Mutations in the repeat region as well as elsewhere in this gene have been associated with Creutzfeldt-Jakob disease, fatal familial insomnia, Gerstmann-Straussler disease, Huntington disease-like 1, and kuru. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq]