



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

www.szabo-scandic.com

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

Datasheet

PRNP (Human) Recombinant Protein (P01)

Catalog Number: H00005621-P01

Regulation Status: For research use only (RUO)

Product Description: Human PRNP full-length ORF (AAH12844, 1 a.a. - 253 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MANLGCWMLVLFVATWSDLGLCKKRPKPGGWNTGG
SRYPGQGSPGGNRYPPQGGGGWGQPHGGGWGQP
HGGGWGQPHGGGWGQPHGGGWGQGGGTHSQWN
KPSKPKTNMKHMAGAAAAGAVVGLGGYVLGSAMSR
PIIFGSDYEDRYRENMHRYPNQVYYRPMDEYSNQ
NNFVHDCVNITIKQHTVTTTTKGENFTETDVKMMERVV
EQMCITQYERESQAYYQRGSSMVLFSPPVILLISFLIF
LIVG

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 53.57

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]