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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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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
KPSKPKTNMKHMAGAAAAGAVVGGLGGYVLGSAMSR
PIIHFGSDYEDRYYRENMHRYPNQVYYRPMDEYSNQ
NNFVHDCVNITIKQHTVTTTTKGENFTETDVKMMERVV
EQMCITQYERESQAYYQRGSSMVLFSSPPVILLISFLIF
LIVG

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 53.57

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]