

Recombinant Mouse Prion Protein, Globular Domain, His-tagged

Cat. No. Prnp-1064M Lot. No. (See product label)

SPECIFICATION

Species	Mouse
Source	E.coli
ProteinLength	1-254 aa
Description	N-terminal His-tagged full-length prion protein (PrPc). The PrPc -like conformation of the protein after refolding procedure was confirmed by high resolution NMR spectroscopy. The native His tagged PrPc is the ideal tool for in vitro/in vivo investigations of the behaviour of cellular prions. It may be used for protein-protein interaction studies as well as for in vitro/in vivo conversion studies.
Form	Liquid. Supplied in 10 mM sodium acetate pH 4.5 and 0.02 % sodium azide.
Purity	>95% by SDS-PAGE.
Usage	For in vitro use only.
Storage	Quality guaranteed for 12 months store at - 80°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name Prnp prion protein [*Mus musculus*]

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Synonyms	Prnp; prion protein; PrP; PrPC; Sinc; CD230; PrPSc; Prn-i; Prn-p; PrP<C>; AA960666; AI325101; OTTMUSP00000015760
Gene ID	19122
mRNA Refseq	NM_011170
Protein Refseq	NP_035300
UniProt ID	P04925
Chromosome Location	2 75.0 cM
Pathway	Prion diseases
Function	copper ion binding

PDB rendering based on 1ag2.



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