

Recombinant Mouse Prnp Protein

Cat. No. Prnp-289M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Prnp(23-231 aa) was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	23-231 aa
Description	Prion Protein (PrP) is an abundant cellular protein in mammalian neural tissue. It is associated with mammalian prion diseases, e.g. transmissible spongiforme encephalopathies that include human Creutzfeld-Jakob disease, bovine spongiforme encephalopathy, sheep scrapie, cervid's chronic wasting disease and various rodent prion diseases. In the disease process, PrP undergoes protein aggregation into disease specific PrPSc.
Form	Finally dialysed in pure water, shock frozen in liquid nitrogen at a protein concentration of 0.25 mg/ml.
Molecular Mass	23163 kg/mol
AA Sequence	GSKRPPKPGGWNTGGSRYPGQGSPGGNRYPPQGGTWGQPHGGGWGQPHGGS WGQPHGGSWGQPHGGGWGQGGGTHNQWNKPSKPKTNLKHVAGAAAAGAVVG GLGGYMLGSAMSRPMIHFGNDWED RYYRENMRYRPNQVYYRPVDQYSNQNNFVHDCVNITIKQHTVTTTTTKGENFTETDV KMMERVVEQMCVTQYQKESQAYYDGRSS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 95% by SDS-PAGE
Applications	Prion Protein is frequently used in analytical aggregation assays
Notes	Thawing: Gentle agitation at 37 centigrade until no ice is left. Keep on ice. Do not refreeze
Storage	Store at -80 centigrade
Concentration	0.25 mg/ml

GENE INFORMATION

Gene Name	Prnp prion protein [Mus musculus]
Official Symbol	Prnp
Synonyms	PRNP; prion protein; major prion protein; PrP; PrPC; Sinc; CD230; PrPSc; Prn-i; Prn-p; PrP< C> AA960666; A1325101; prP27-30; prP33-35C;
Gene ID	19122
mRNA Refseq	NM_011170
Protein Refseq	NP_035300
UniProt ID	P04925

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