

Recombinant Hamster Prnp Protein

Cat. No. Prnp-191H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Hamster Prnp(23-231 aa) was expressed in E. coli.
Species	Hamster
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	23117 kg/mol
AA Sequence	GSKKRPKPGGGWNTGGSRYPGQGSPGGNRYPPQGGGGWGQPHGGGWGQPHG GGWGQPHGGGWGQPHGGGWGQPHGGGGWGQGGTHGQWNKPSKPKTNMKHV AGAAAAGAVVGGGLGGYMLGSAMSRP LIHFGSDYEDRYRENMHRYPNQVYYRPVDQYSNQNNFVHDCVNITVKEHTVTTTT KGENFTETDIKMMERVVEQMCITQYQRESQAYYQARGA

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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 [<i>Mesocricetus auratus</i>]
Official Symbol	Prnp
Synonyms	PRP; PrP27-30; PrP33-35C; Major prion protein; PrP 27-30
Gene ID	101829062
UniProt ID	P04273

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