

## Recombinant Hamster Prnp Protein

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Hamster Prnp(23-231 aa) was expressed in E. coli.
<b>Species</b>	Hamster
<b>Source</b>	E.coli
<b>ProteinLength</b>	23-231 aa
<b>Description</b>	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.
<b>Form</b>	Finally dialysed in pure water, shock frozen in liquid nitrogen at a protein concentration of 0.25 mg/ml
<b>Molecular Mass</b>	23117 kg/mol
<b>AA Sequence</b>	GSKKRPKPGGGWNTGGSRYPGQGSPGGNRYPPQGGGGWGQPHGGGWGQPHG GGWGQPHGGGWGQPHGGGWGQPHGGGGWGQGGTHGQWNKPSKPKTNMKHV AGAAAAGAVVGLGGYMLGSAMSRP LIHFGSDYEDRYRENMHRYPNQVYYRPVDQYSNQNNFVHDCVNITVKEHTVTTTT KGENFTETDIKMMERVVEQMCITQYQRESQAYYQRGA

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

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Prnp prion protein [ Mesocricetus auratus ]</a>
<b>Official Symbol</b>	<a href="#">Prnp</a>
<b>Synonyms</b>	PRP; PrP27-30; PrP33-35C; Major prion protein; PrP 27-30
<b>Gene ID</b>	<a href="#">101829062</a>
<b>UniProt ID</b>	<a href="#">P04273</a>

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