

Recombinant Human PRNP Protein

Cat. No. PRNP-388H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRNP(23-230 aa) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	23-230 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 250 g per vial
Molecular Mass	22891 g/mol
AA Sequence	GSKKRPKPGGWNTGGSRYPGQGSPGGNRYPPQGGGGWGQPHGGGWGQPHGG GWGQPHGGGWGQPHGGGWGQGGGTHSQWNKPSKPKTNMKHMAGAAAAGAVV GGLGGYMLGSAMSRPI IHFGSDYEDRYRENMHRYPNQVYYRPMDEYSNQNNFVHDCVNITIKQHTVTTTTTK GENFTETDVKMMERVVEQMCITQYERESQAYYQRGS

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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

GENE INFORMATION

Gene Name	PRNP prion protein [Homo sapiens]
Official Symbol	PRNP
Synonyms	PRNP; prion protein; CJD, GSS, prion protein (p27 30) , PRIP; major prion protein; CD230; Creutzfeldt Jakob disease; fatal familial insomnia; Gerstmann Strausler Scheinker syndrome; p27 30; PRP; CD230 antigen; prion-related protein; CJD; GSS; PrP; ASCR; PRIP; PrPc; p27-30; PrP27-30; PrP33-35C; MGC26679;
Gene ID	5621
mRNA Refseq	NM_000311
Protein Refseq	NP_000302
MIM	176640
UniProt ID	P04156

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