

[Go to Product page](#)

Datasheet for ABIN7490844

PRNP Protein (AA 90-230) (Fc Tag)

Overview

Quantity:	100 µg
Target:	PRNP
Protein Characteristics:	AA 90-230
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRNP protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human PRNP (90-230) protein with C-terminal human Fc tag
Specificity:	PRNP (Gly90-Ser230) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	PRNP
Alternative Name:	PRNP (PRNP Products)
Background:	PrP, ASCR, PrP27-30, PrP33-35C, CD230 Description: The protein encoded by this gene is a membrane glycosylphosphatidylinositol-anchored glycoprotein that tends to aggregate into rod-like structures. The encoded protein

Target Details

contains a highly unstable region of five tandem octapeptide repeats. This gene is found on chromosome 20, approximately 20 kbp upstream of a gene which encodes a biochemically and structurally similar protein to the one encoded by this gene. Mutations in the repeat region as well as elsewhere in this gene have been associated with Creutzfeldt-Jakob disease, fatal familial insomnia, Gerstmann-Straussler disease, Huntington disease-like 1, and kuru. An overlapping open reading frame has been found for this gene that encodes a smaller, structurally unrelated protein, AltPrp. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2014]

Molecular Weight: predicted molecular mass of 42.2 kDa after removal of the signal peptide. The apparent molecular mass of PRNP(90-230)-hFc is 55-70 kDa due to glycosylation.

UniProt: [P04156](#)

Pathways: [Transition Metal Ion Homeostasis](#), [Activated T Cell Proliferation](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months