

Prion Protein (PRNP) Recombinant Protein | PRNP recombinant protein

Recombinant Prion Protein (PRNP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA135588	E.coli	Homo sapiens (Human)	Western Blot, SDS-Page

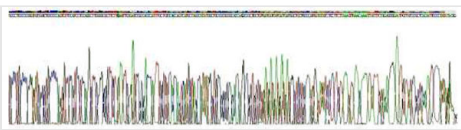
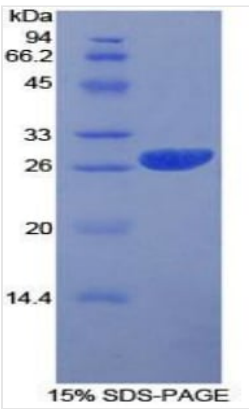
PRODUCT SYNONYMS

Prion Protein (PRNP); Recombinant Prion Protein (PRNP); PRNP recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Concentration	Original Concentration: 150ug/mL (varies by lot)
Sequence	KKRPKPGGWN TGGSRYPGQG SPGGNRYPPQ GGGGWWGQPHG GGWGQPHGGG WGQPHGGGWWG QPHGGGWWGQG GGTHSQWNKP SKPKTNMKHM AGAAAAGAVV GGLGGYMLGS AMSRPIIHFG SDYEDRYRE NMHRYPNQVY YRPMDEYSNQ NNFVHDCVNI TIKQHTVTTT TKGENFTETD VKMMERVVEQ MCITQYERES QAYYQRGS
Applicable Applications for PRNP recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Lys23~Ser230
Tags	N-terminal His Tag
Subcellular Location	Membrane, Nucleus, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	9.5
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506113
NCBI GeneID	5621
NCBI Accession #	NP_000302.1
NCBI GenBank Nucleotide #	NM_000311.3
UniProt Accession #	P04156; O60489; P78446; Q15216; Q15221; Q27H91; Q5QPB4; Q8TBG0; Q96E70; Q9UP19; F7VJQ1
Molecular Weight	Predicted Molecular Mass: 26.4kDa Accurate Molecular Mass: 26kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	major prion protein preproprotein
NCBI Official Synonym Full Names	prion protein
NCBI Official Symbol	PRNP
NCBI Official Synonym Symbols	CJD; GSS; PrP; ASCR; KURU; PRIP; PrPc; CD230; AltPrP; p27-30; PrP27-30; PrP33-35C
NCBI Protein Information	alternative prion protein; major prion protein; CD230 antigen; prion-related protein
UniProt Protein Name	Major prion protein
UniProt Gene Name	PRNP
UniProt Synonym Gene Names	PRIP; PRP; PrP
UniProt Entry Name	PRIO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/prnp-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/135588>