

Prion Protein (PRNP) Recombinant Protein | PRNP recombinant protein

Eukaryotic Prion Protein (PRNP)

CATALOG # AAA152070	HOST 293F cell	APPLICATIONS Western Blot, SDS-Page
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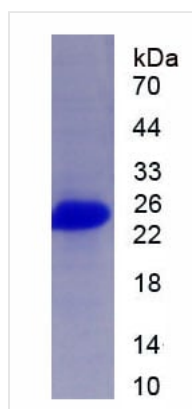
PRODUCT SYNONYMS

Prion Protein (PRNP); Eukaryotic Prion Protein (PRNP); PRNP/Prion Protein; CD230; GSS; ASCR; CJD; PRIP; PrP; PrP2730; PrPc; Major prion protein; Creutzfeldt-Jakob Disease; Gerstmann-Strausler-Scheinker Syndrome; Fatal Familial Insomnia; PRNP recombinant protein

PRODUCT SPECIFICATIONS

Host	293F cell
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Lys23~Ser2 30
Applicable Applications for PRNP recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Eukaryotic expression
Species	Human
Isoelectric Point	9.7
Tag	N-terminal His Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Secreted
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Sequence

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KKRPKPGG WNTGGSRYPG QGSPGGNRYP
PQGGGGWGP HGGGWGP HGGGWGP HGGGWGP HGGGWGP HGGGWGP
KPSKPKTNMK HMAGAAAAGA VVGGLGGYML GSAMSRPIH FGSDYEDRY
RENHRYPNQ VYYRPMDEYS NQNNFVHDCV NITIKQHTVT TTTKGENFTE
TDVKMMERVV EQMCITQYER ESQAYYQGRS

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SDS-PAGE
SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for PRNP recombinant protein	Signal transduction; CD & Adhesion molecule; Infection immunity; Neuro science; Eukaryotic Recombinant proteins/EP
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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
Molecular Weight	33kDa
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-293f-cell-wb-western-blot-sds-page-immunogen-positive-control/152070>