

Product datasheet for **RN210509**

Prnp (NM_012631) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prnp (NM_012631) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prnp
Synonyms:	Prn; PrP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN210509 representing NM_012631 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGAACCTTGGCTACTGGCTGCTGGCCCTCTTTGTGACTACATGTACTGATGTTGGCCTCTGCAAAA
AGCGGCCAAAGCCTGGAGGGTGGAACTGGTGGAGCCGGTACCCTGGGAGGGAAGCCCTGGAGGCAA
CCGTTACCCACCTCAGAGTGGTGGTACCTGGGGGAGCCCATGGTGGTGGCTGGGACAACCTCATGGT
GGTGGCTGGGACAACCTCATGGTGGTGGCTGGGGTCAAGCCCAACCTCAAGCATGTGGCAGGGGCTGCCG
GTACCCATAATCAGTGGAAACAAGCCAGCAAGCCAAAAACCAACCTCAAGCATGTGGCAGGGGCTGCCG
AGCTGGGGCAGTAGTGGGGGCTTGGTGGCTACATGTTGGGAGTGCCATGAGCAGGCCATGCTCCAT
TTTGGCAACGACTGGGAGGACCGTACTACCGAGAAAACATGTACCGTTACCCTAACCAAGTGTACTACA
GGCCGGTGGATCAGTACAGCAACCAGAACTTCGTGCACGACTGTGTCAATATCACCATCAAGCAGCA
TACAGTACCACCACCACCAAGGGGAGAACTTCACGGAGACCGACTGAAGATGATGGAGCGTGTGGT
GAGCAGATGTGCGTCACCCAGTATCAGAAGGAGTCCCAGGCCATTACGACGGGAGAAAGATCTAGCGCCG
TGCTTTCTCCTCCCTCCTGTGATCCTCCTCATCTCCTCCTCATCTTCTGATCGTGGGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_012631
Insert Size:	765 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_012631.2 , NP_036763.1
RefSeq Size:	2142 bp
RefSeq ORF:	765 bp
Locus ID:	24686
UniProt ID:	P13852
Cytogenetics:	3q36
Gene Summary:	conformational conversion of gene product prion protein (PrP) associated with Prion diseases, fatal neurodegenerative disorders in man and animal [RGD, Feb 2006]