

Product datasheet for **RN204621**

Pspn (NM_013014) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pspn (NM_013014) Rat Untagged Clone
Tag: Tag Free
Symbol: Pspn
Synonyms: PSP
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN204621 representing NM_013014
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGCAGGAAGACTTCGGATCTTGTCTGCTGCTCCTGTCCTTGCACCTGGGCCTGGCTGGGTCC
TTGATCTTCAAGAGGCTCCTGCGGCAGATGAGCTCTCATCTGGGAAAATGGCAGAGACTGGAAGGACCTG
GAAGCCCCATCAGGGTAACAACAATGTCCGCCTCCAAGAGCCTTACCTGGTTTGTGCCGGCTGTGGAGC
CTGACCCTACCAGTGGCTGAGCTTGGCCTGGGCTATGCCTCAGAGGAGAAGATTATCTCCGATACTGTG
CTGGCAGCTGTCCCAAGAGGTCGTACCCAGCACAGTCTGGTGTGGCCCGTCTCGAGGGCAGGGTCG
AGCTCATGGCAGACCTTGTGCCAGCCACCAGCTATGCTGATGTGACCTTCCTTGATGACCACCACCAT
TGGCAGCAGCTGCCTCAGCTCTCAGCCGACGTTGTGGCTGTGGTGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_013014
Insert Size: 471 bp

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).



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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:	<u>NM_013014.1, NP_037146.1</u>
RefSeq Size:	471 bp
RefSeq ORF:	471 bp
Locus ID:	25525
UniProt ID:	<u>O70301</u>
Cytogenetics:	9q12
Gene Summary:	promotes survival of ventral midbrain dopaminergic neurons and motor neurons; may mediate increase in dopamine-dependent behavioral parameters [RGD, Feb 2006]