

Product datasheet for **RN212553**

Prkn (NM_020093) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prkn (NM_020093) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prkn
Synonyms:	Park; Park2; Prkn
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN212553 representing NM_020093
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATAGTGTGGTTCAGGTTCAACTCCAGCTATGGCTTCCAGTGGAGGTCGATTCTGACACCAGCATCT
 TCCAGCTCAAGGAAGTGGTTGCTAAGCGACAGGGGGTTCCAGCTGACCAGCTGCGAGTGATTTTTGCTGG
 GAAGGAGCTGCAGAATCACCTGACAGTACAGAAGTGTGACCTGGAACAACAGAGTATCGTTCACATAGTA
 CAGAGACCACAGAGGAAAAGTACGAAACAATGCCTCTGGAGGGGACAAACCCAGAGCACCCCGGAGG
 GCTCCATATGGGAGCCCAGAAGCTTGACTCGAGTGGACCTCAGCAGCCATATCCTGCCAGCGGACTCCGT
 GGGGCTGGCAGTCATTCTGGACACAGACAGCAAGAGTACTCAGAAGCAGCCAGAGGTCCAGCAGCTAAA
 CCCACCTACCACAGCTTTTTTGTCTACTGCAAAGGCCCTGCCACAAGGTCCAGCCTGGGAAACTCCGAG
 TTCAGTGGCCACCTGCAGACAAGCAACCCTCACCTGGCCAGGGCCCATCTTGCTGGGATGATGTCTT
 AATTCCAAACCGGATGAGTGGAGAGTGCCAATCTCCAGACTGCCCTGGGACAAGAGCTGAATTTTTCTTT
 AAATGTGGAGCACACCCAACCTCAGACAAGGACACATCAGTAGCTTTGAACCTGATCACCAACAACAGCC
 GCAGCATCCCCTGCATCGCGTGCACGGATGTCAGGAACCTGTCTTGGTCTTCCAATGTAACCACCGCCA
 CGTGATCTGTTTGGACTGCTTCCACTTGTACTGTGTCAAAAGGCTCAACGATCGGCAGTTTGTCCACGAC
 GCTCAACTTGGCTACTCCCTGCCGTGTGTGGCTGGCTGTCCCAACTCCCTGATTAAGAGCTCCATCACT
 TCAGGATCCTTGGAGAAGAGCAGTACAACAGGTACCAGCAGTATGGTGCCGAGGAGTGCCTGTGCAGAT
 GGGAGGTGTGCTGTGCCCGCTCCTGGCTGCGGAGCTGGGCTGTGCCTGAACAGGGCCAGAGGAAAAGTC
 ACCTGCGAAGGGGCAACGGCCCTGGCTGTGGTTTCGTTTTCTGCCGGGACTGCAAGGAAGCATACCATG
 AAGGGGAGTGCAGCTCGATGTTTCAAGCCTCGGGGGCGACTTCTCAGGCATACCGGGTGGATCAAAGAGC
 TGCTGAGCAAGCACGGTGGGAGGAGGCCCTCCAAGGAAACCATCAAGAAAACCAACCAAGCCTTGCTCCTGC
 TGAATGTGCCATTGAAAAGAATGGAGGATGTATGCACATGAAGTGTCTCAGCCCCAGTGAAGCTGG
 AGTGGTGTGGAAGTGTGGCTGTGAGTGAACCGAGCCTGCATGGGTGATCACTGGTTTACGCTG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_020093
- Insert Size:** 1398 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).
- 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:**
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_020093.1](#), [NP_064478.1](#)

RefSeq Size: 1564 bp

RefSeq ORF: 1398 bp

Locus ID: 56816

UniProt ID: [Q9JK66](#)

Cytogenetics: 1q11

Gene Summary: localized to the cytoplasm in neurons of many regions of the brain; has N-terminal ubiquitin and ring-IBR-ring finger domains [RGD, Feb 2006]