

Product datasheet for RN200848

Prx (NM_023976) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prx (NM_023976) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prx
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN200848 representing NM_023976 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGCCAGGAGCCGAGCGCTGAGGAGCTGAGACGAGCGGAGTTGGTGGAGATTATCGTGGAGACAG
AGGCGCAGACCGGGGTCAGCGGCTTCAATGTAGCAGGCGGCCGCAAGAAGGAATCTTTGTCCGCGAGCT
GCGAGAGGACTCACCGCCGCCAAGAGCCTCAGTTTGCAGGAAGGGACCAACTTCTGAGCGCCCGTGTG
TTCTTTGAGAACTCAAATATGAGGATGCACTACGCTGCTGCAATGTGCCGAGCCCTACAAGTCTCCT
TCTGCTGAAGCGCACTGTGCCACCGGGGACCTGGCACTGCGGCCCGGACGGTGTCTGGATACGAGAT
GAAGGGCCCGCGGCCAAGGTGGCCAAGCTGAACATCCAGAGTCTGTCCCCTGTGAAGAAGAAGAAGATG
GTGATTGGGACCTGGGGACCCCTGCAGATTTGGCCCTGTTGACGTGCGATTCTCTTTCCCAAGTTCT
CCCGATTGCGTCGGGGCCTTAAAGCCGATGCTGTCAAGGGACCTGTCCCAGCTGCCCTGCCCGACGACG
TCTCCAGCTGCCTCGGCTACGTGTCCGAGAAGTAGCTGAAGAGGCCAGGTAGCCCGAATGGCTGCTGCT
GCTCCTCCCTCTAGGAAGCCAAGTCAGAGGCTGAGGTAGCCACAGGGGCTGGATTACAGCCCTCAGA
TAGAGCTAGTTGGGCTCGGCTGCCTAGCGCAGAGGTGGGTGTCCTAAGGTCTCAGTCCCAAGGGAAC
CCCATCAACAGAGGCAGCCAGCGGCTTTGCCCTCACCTGCCAACCTTTGGGCTAGGAGCCCGAGCTGCA
CCGGCTGTGGAGCCCCAACACAGGAATCCAGGTCCCAGTGAAGTCCCCACCTGCCCTCTTTAC
CCTCTGCCACACTTCCGTGCCTAGATACCCAGGAAGGGGCTGCAAGTGGTCAAAGTCCCACCTGGGA
TGTGGCAGCTCCGTCTGTGGAGGTGGACCTGGCTTTGCCAGTGCAGAGGTGGAGGCCAGGAGAGGTA
CCTGAAGTGGCTCTAAGATGCCCGTCTCAGTTTCCCCGTTTTGGGGTTCGAGGGAAGGAAGCTACTG
AAGCCAAGGTAGTCAAGGGCAGCCCTGAGGCCAAGCAAGGGTCCCAGACTTCGAATGCCACCTTTGG
GCTTTCTCTCTGGAATCCCAGCCCTCTGGCCCTGAAGTTGCTGCTGAGAGCAAGCTGAAGTACCCACC
CTCAAGATGCCCTCTTTCCGATCAGCGTAGCTGGGCTGAGGTCAAGGCACCCAAAGGGCTGAAGTGA
AGCTCCCCAAAGTCTCTGAGATCAAATCCCGAAAGCGCCAGAGGCAGCCATTCCAGATGTGCAACTCCC
CGAGGTACAGCTGCCAAAATGTCAGACATGAAACTTCAAAGATCCCTGAGATGGCTGTACCCGATGTT
CACCTTCGGAAGTGAAGCTGCCAAAGTCCCGAGATGAAAGTCCCAGAAATGAAGCTCCGAAGATCC
CGGAGATGGCCGTGCCTGATGTACACCTTCCAGATATACAGCTCCCGAAAGTTCGAGATGAAGTCCC



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AGACATGAAGCTCCCGAAGGTGCCTGAGATGGCCGTGCCTGATGTACACCTTCCAGATATACAGCTCCCC
 AAAGTTCCCGAGATGAAGCTCCCAGACATGAAGCTCCCGAAGGTGCCTGAGATGGCCGTGCCTGATGTAC
 GAATTCGGGAAGTTCAGCTACCCAAAGTGTCCGAGGTGAAGCTCCCGAAGATACCGGACATGGCCGTGCC
 TGATGTTCCGCTCCAGAGCTGCAACTGCCAAAGTGTCTGAGGTGAAGCTCCCGAAGATACCGGACATG
 GCCGTACCTGATGTTCCGCTCCAGAAAGTTCAGCTACCCAAAGTGTCTGAGGTGAAGCTCCCGAAGTGC
 CTGAGATGACCATGCCCGACATTCGCTCCCGAAGTTCAGCTGCCAAAGTGCCTGACATTAACCTTCC
 AGAAATAAACTCCCGAAGTGCCTGAGATGGCCGTGCCTGATGTCCCCCTTCCAGAACTACAGCTGCC
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 CACAGAGGAAATCTGCAGGGGCGGAGCAGGCAGAAAAGACCGAATTTAGCTTCAAGTTGCCAAGATGAC
 TGTGCCAAGTTGGGAAAGTGACCAAGCCTGGGAGGCAGGTATTGAGGTTCCAGACAACTCCTGATA
 CTTCCCTGTCTGCAGCCAGAGGTGGCACTGAGGTGGCCGTGTTGGTGTCCCTTCCCTCTCTCCCTT
 CTGTGGAGCTTGACTTGCTGGGCCCCTGGCCTGGAGGGACAAGTCCAAGAAGCTGTCTTGCCAAAGT
 GGAGAAGCCAGAGGGCCCAGGGTGGCAGTAGGGACTGGAGAGCGGGCTTCCGCGTGCCCTCTGTGGAG
 ATGTCAATCCTCAGCTGCCACGGTTGAAGTCAAGAAAGAGCAGCTAGAGATGGTGGAGATGAAAGTCA
 AACCCACTTCCAAGTTCTCTGCCCCAAATTTGGACTTTCAGGGCCAAAGCTGTCAAGGCAGAGGTGGA
 GGGCCTGGGCGAGCCACCAAGCTGAAGGTATCCAAGTTTGCCATCTCGCTTCCAGAGCTCGAGCAGGG
 ACTGACGCGGACGCGAAGGGAGCTGGGGAAGCGGGGTTGCTGCCTGCCCTCGATCTGTCCATCCACAGC
 TCAGCCTGGATGCTCAACTGCCCTCAGGCAAGGTGGAGGTAGCAGGGGCTGAGAGCAAGCCTAAAGGGTC
 CAGATTTGCTCTGCCAAGTTTGGGGCGAAAGCCGGGACTCTGAAGCCGACGACTGTTGGCAGGGGAG
 GCTGAGCTGGAGGGGAAGGGTGGGGCTGGGACGGGAAGGTGAAGATGCCAAGCTGAAGATGCCATCTT
 TTGGGCTGTCCGAGGAAAAGAAGCAGAAATTCAGGATGGGCGTGTGAGCCAGGAGAAAAGCTGGAAGC
 CATAGCTGGGACGCTTAAGATCCCTGAGGTGGAAGTGTGACACCAGGAGCTCAGGAGACAGAGAAGGTC
 ACCAGTGGAGTGAAGCCATCAGGCTCCAGGTGTCCACCACTAGCAGGTGGTTGAGAGGGCCAGGAGG
 GGGCGCAGAGGGTGTCTCATTAGGTATCTTTGCCCCAGGTGGAAGTGGCCAGCTTTGGGGAGGCAGG
 CCCTGAGATCGCAGCCCCATCTGCAGAGGGCACAGTAGGCTCTAGGATCCAGGTGCCACAGGTGATGCTG
 GAGTTGCCGGAAACCCAGGTGGCAGGGGTGATCTGTTAGTGGGTGAGGGCATCTTCAAGATGCCACAG
 TGACAGTGCCCCAGTTAGAGCTGGATGTGGGGTGGGCCATGAAGCCAGGCTGGTGAACAGCCAAAGAG
 TGAGGGCGGGTTAAAGCTGAAGTTGCCACACTGGGGCAGGAGGCAAAGGAGAGGGTGTGAGGCCAG
 AGCCCCGAGGCCAGCACACCTTCCACATCTCATTGCCTGACGTAGAAGTACATCACCAGTGAGTAGCC
 ACGCTGAGTACCAGGTGGTTGAGGGCGATGGGGATGGCGGCACAACTCAAGGTGCGGCTGCCCTGTT
 TGGTCTGGCAAGGGCCAAGGAAGGAATAGAAACTGGAGAAAAGGTTAAAAGTCCAAGCTCAGGCTACCC
 CGAGTGGGCTTACGCCAAGTGAGTCCGGCTCTGGAGAAGGCTCTCCAGTCTGAGGAGGAGGAAGAAG
 GCAGTGGGGAAGGGGCTTCCGGTCCGCTGGTCCGGTCCAGGTCCGCTTGCCTCGTGTAGGCTTGGCTT
 CCCTTCTAAAGGCTCTAAGGGACAGGAGGGTGTGCGGCCTCCAAGTCCCAGTTGGGGAGAAGTCCCC
 AAGTTCGGCTTCTAGGGTGTCTTAAGCCCCAAGGCCCGGAGTGGGAGTAAGGACCGGGAAGAAGGTG
 GATTCAGGGTCCGACTGCCAGTGTGGGATTTTCAGAAACAGCAGCTCCAGGCTCCGCCAGGATTGAGGG
 GACCCAGGCTGTGCCATCGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_023976

Insert Size:

4152 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:	<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_023976.2</u> , <u>NP_076466.2</u>
RefSeq Size:	4641 bp
RefSeq ORF:	4152 bp
Locus ID:	78960
UniProt ID:	<u>Q63425</u>
Cytogenetics:	1q21
Gene Summary:	may play a role in axonal ensheathment [RGD, Feb 2006]