

Product datasheet for **MC212148**

Prrxl1 (NM_001001796) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prrxl1 (NM_001001796) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prrxl1
Synonyms:	Drg11; Drgx
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212148 representing NM_001001796 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGTTTTATTTCCACTGTCCGCCACAGCTAGAGGGCACTGCGCCTTTGGGAACCACTCTACAGGGGATT
TTGATGATGGGTTTCTTAGAAGAAAACAGCGCAGAAATCGAACGACCTTCACTCTTCAGCAGCTGGAAGC
TCTGGAGGCAGTCTTTGCCCAAACACACTACCCAGATGTCTTCACCAGAGAAGAGTTAGCCATGAAAATA
AACCTCACAGAAGCCAGAGTGCAGGTTTGGTTCCAGAACCGAAGAGCCAAATGGAGGAAGACAGAGAGAG
GGGCCTCTGACCAGGAGCCAGGGGCCAAGGAACCCATGGCAGAGGTGACACCACCGCCAGTGAGGAACAT
CAACTCTCCACCCCAAGGGGACCAGACCCGAGCAAGAAGGAGGCCCTGGAGGCCAGCAGAGCCTGGGA
CGCACAGTGGGCCTACCGGGCCTTTCTCCCTCCTGCTTGCCAGGGACCCCTCTGAACACAGCCACGT
ATGCCAGGCCCTGTCCCATGTGGCATCTCTGAAAGATCATTTCCGAGCAATGCTATGTTCTGGAAGCTT
TGGGTTTCAGAGGGGAACAGACCAACAGAGAGCCTTAACCTCAAACCTGTACCCTTTCTTGATAGACGAG
AGATGCTCAGCAGTAGATATGACACAAGGATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001001796
Insert Size:	663 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001001796.4</u> , <u>NP_001001796.1</u>
RefSeq Size:	1550 bp
RefSeq ORF:	663 bp
Locus ID:	107751
UniProt ID:	<u>Q8BYH0</u>
Cytogenetics:	14 B
Gene Summary:	Transcription factor required for the formation of correct projections from nociceptive sensory neurons to the dorsal horn of the spinal cord and normal perception of pain. [UniProtKB/Swiss-Prot Function]