

Product datasheet for **MC222475**

Prrt4 (NM_001101443) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prrt4 (NM_001101443) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prrt4
Synonyms:	AW455481; D330027H18Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222475 representing NM_001101443
 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGATCGCCGGCGC
 GCC

ATGGCAGGCCGACGCTGCCTGGAGCTGGGGCTGTCTGCTGGGTCTGCTTGCCGTACCTGTGGTCCAC
 AGCTGCTTCTCTGTACCAGGTGCCCTTACTACTCTGACCCACCACCTCAGAGTGAGGCCTCTAT
 GCTCTCTCTCAACCTGGGGCTAAACTTCAAATTCATCTCCGGGACCTGCTGCTGTCTGGGAAATCCT
 GTCACCGAGACCCATCCTCTCTCTCTGGACTAGGCCAGGAGTCTGAGGAAGAGGAGGAAGGCGATCTGA
 GGACTGATCCCTTTGGAACTGCTGGTGGGTCCCTGGGAACTACCTCCAGAGTGGGGCTCTGCTGA
 AGGCAGCTTACACCCTGGGCTTCTCCCTGCCTCCCGAATCCACATCCCGCCTCTCAGGGCCACCAAG
 CGGCCACTGCTACTCTCAACCTAGGATGGGCACCGTACCTGGCCACTGCTCTGACAGCGACAGCAC
 CTCCAACAGTGTCCCAGGCCTCATCAGAGTGAGCTTGAGCTGAAGTTTGTAGCTTAAAGAGCAGG
 TGCAGCCCCACTTTGGTCATCGGTGTTACCTCTGCTGCCAGCCTGCCGGCCAGCCTGCCAGAGATT
 GCTGGGGCCTGGGACCTTTGGGTTCTTTGGTACCAGTGTGCCCACTCCGGAATCTCAAGGCAGA
 GTTACCCAGGCACAACAGCACATCCAAGTTTTGCTTTTGAAGTGTGAGATTCTCCTGGGCTCTTTGGCAC
 CACGGGTGCGTCTCCACCCCTCTGGAAAGGAAGTTCTAAGCCCAAGCCTGTTGGATTCAAGTGGCT
 TCCCGAGCTCTGCCTCAGTCAAGACAACACAGTGAACAAGACCCCACTGTCTCCACTTCTGGCCAG
 ATGAACTCTCTCTGCCAGTTCGGGAATCCTTCAACACAGCCTGGATGTGAGCCAGGCTCTTGTAGTGA
 GCCAGATTGCTGGATGACTTGGGACAGCCGCTGCCTCCCGCTGCCTCTTCTTCTTGGACCTGGAG
 GCCGACTGGGAGAGGCTAGGGCTCGCTGGGTCTGGCTGGGAGGCCATGTATATGGAGCAGGAGCTC
 TCTTCGGCTTGGTGGCTCTGCTGGCTGTGTTAGCTCTGGCCCTTGGCCCTGGCGCTGTCGCCAGGCGC
 CCCTGCCTGGCGTTGCTGGATCTGCTGCTCTCCGCGGGGACCCTCGGGCCTTCCCGCTCTTCTAC
 GACGCTACGGGCATCGGATCGCTGCCGACTCTGCTGGCTACTGCTGCAGGACCTCCGCTGCCCT
 GCCTAGCTGCAGGTCTGGGGCTGGCTTGCCTGCTCCTGGCCGACCGCGCACTCCGAGGTGCCCGCCGG
 CTTAGCGCGCTGCTGCTGCTGGGGTGGGTTGGCGCGCGCCCGCTGGGAGCGCGTGCACCGC
 CCGCTGCGGCCGCTGCGGCTCGCTCCCGCGTCTGCACGCTTCTCGCTGCCTTCTGTGGGGCTCC
 TGCTGGCACTCTTGTGGGGCGCGCGCGGAGGGCCGAGCACCTTGGGAGGGCTGGCTTTAA
 GGGTGTACCCCTGTCCCGCAAGTGCAGTCCCTTCCCGCGGGAGTCTGGAGCGAGCGGCGCGC
 ACAGCCCGGTGGCCGGACCTTTGGGCTGCTGAGCGGAGCCCTGCAGGGCTACGAGGTGCTTACGCC
 TGGGCTACGGAAGCCAAGCAGGCTTGGAGGGCCCTGGCCCTGGTGGGCTTCCAGCTAGGTCTGGGTCT
 GGGCGAGGTGGGCGTCCGCTCCCGTATAGCGTCTTGGTCTCTACCCAGCGCTCTGCAGCCACGTGTG
 CCGCGGGCTGCTGGGCAAGCTTCCGATTGTCTCCGGGACACGCTGCTCCGCTGCTGCCAGGAGGCT
 GGGTCCCGGAATCCCGGACAAGGAGCCCTGGGTAGCGCGATCGCGCTGGGACGCAGAGCTGCTGCA
 GCTATGCGCTCTAGCAGGCCAGGTCCCGATCTCCTTCTCAAGGTGGCGGCTGCCGGGGCTTTGAAGGT
 GCCGGGGCAACCAACGCAGTCAACAGCCTCTCCCTAGCAGCGATTGCACCTGGACTTCCGCCCGC
 CCTCACCTATCAACCTGCGGCGCAGCATCGAGGAAGCCCTCTGCAGCGAGGCACTTCTGGCTCCTGGTCT
 CTTTCAGGGCCCTGCCTTTGGGGAAGCCCTGCCTGGGCTCGGTCTCTACCGCACCATCTCATTGGGGAAC
 AAGATAGGGGCAGGACCCAGTGAGAAGTCCGAGAATGTCCTGGATCCCCAGCACCTCTGAGCTTCCCT
 TCCCCGGGCTGGCTCCCGGACGAGCGCTCATCTGGCTCTCTGTGGACTCTCACGGGACAGCTC
 GTCATGCTTCTGTGTTCCAGCCCCGACAGGCCCTCGCTGTCCCTAGTCTGTGCTCAGTCCCCCG
 CGGCCCTCAGAAAGCAGCCCCAGCCTCCAGCCTCAGGATCTACCAGGCCCTATCCCCACCTCCCGC
 ACTCCCCAGAATGCTTCTGAACTGCAGGCTGAGGAGGCAATTGCTGCAAGAGCAATTCTGGATGCTTG
 TCGACAGATTGATGAGCTGAGCATGGGCAGCGACACCATAGACCTGTA

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: AscI-MluI
ACCN: NM_001101443

Insert Size:	2709 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_001101443.1</u> , <u>NP_001094913.1</u>
RefSeq Size:	3429 bp
RefSeq ORF:	2709 bp
Locus ID:	101359
UniProt ID:	<u>B2RU40</u>
Cytogenetics:	6 A3.3