

Product datasheet for **RN205334**

Prrt4 (NM_001109226) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prrt4 (NM_001109226) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prrt4
Synonyms:	RGD1559885
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN205334 representing NM_001109226

Red=Cloning site Blue=ORF Orange=Stop codon

 CTATAGGGCGGCCGGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC
 GCCC

 ATGGCAGGCCGTGGCTGCCTGGAGCTGGGTCTGTTCTGCTGGGTCTGCTTGCTGTACCTGTGGTCCAC
 AGCCTGCTTCCTCTGTACCAGGTGCCCCCTTACTACTCTGACCCACCACCTCAGAGTGAGCCTCTAT
 GCTATCTCTCAACCTGGGACTAACTTCAAATTCATCTTCGGGACCTGCTGCTGTCTGGGAAGCCCT
 GTCACCGAGACCATCTCTCTCTCTGGACTAGGCCAGGAGTCTGAGGAAGATCTGGAAGGTGATCTGA
 GGACCGATCCCCTTTGGAACTGCTGGTGGGTTCCCTGGGAATATGTCCAGAGTGGGGCTCTGCCGA
 AGGCAGCTTTACACCCTGGGCTTCTCCCTGCCTCCTGAGTCTACATCCCCCTCTCAGGGCCACCAAG
 AGGCCACTGCTCCCTCTCAACCTAGGATGAGCACTGTGACCTGGGCACTGCTCTGACAGCTACAGCAC
 CTCCAACCACTGCTCCAGGCCCTCGGCAGAGTGAAGTTCGATGTGGCTTTGAGAGCAGG
 TGCAGCCCCACTCTCGGTCTCGGTCACTACCCCTGCTGCCAGCCTGAGGGCCAGCCTGGCAGAGATT
 GCTGGGGCTTGGGACCTTTTGGGTTCTTCGGTACTACTCTGTCTCCACTCCGCAACTTCTCGAGTCAGA
 GTTACCAAGGCACAACAGCACAGCCAAGTTTGTCTTGAAGTGTGAGTTTCCCGGGCTCTTGGTAC
 CACTGGGTCCCTTCCCCCACTCTCTGAAAGGAAGTTCTCAAGCCCAAGCCATTGGATTCACTGGCT
 TCCCCAGCTCTGCCTCAATCAAGACCACCACTGCAACATGACCCACTGTCTCCACTTCTGACCCAG
 ACGAATCTCTCCGGCAGCTTCGGGAGTCTTCAGCACAGCCTGGATGTGAGCCAGGCTCTTGTAGTGA
 GCCTGAGTTGTCCGATGACTCGGGCAGCCGCTGCCCTCCCGCTGCCTCTTCTTCTTACCCCTGGAG
 GCCGACTGGGCAGAGGCTAGGGCTCGCTGGGCTTGGCCTGGGAGGCCATGTATACGGAGCAGGAGCGC
 TCTTCGGCTGGTGGCCTGCTGGCTCTGTTGTCTTGGCCCTTGGCCCTGGCGTTGCCCGCCGCGC
 CCCTGCCTGGCGTTGCTGGATCTGCTGCTGTGTCGGCGGGGACCAACCGGGCTTCCCGCTCTTCTAC
 GACGCTACGGTCTCGGATCGGCTGCCGCGCCTCGCTGGCTGCTGCTGCAAGACCTTCGCTGCCCT
 GCCTAGCCGAGGTCTGGGGCTAGCTTGCTGCTGCTGCTGGCCGGCCGCGCACTCCGAGGTGCCCCATCGG
 CTTGGCGCGCTGCTGCTGCTGGGTTGGGGCTGGCGGCAGCGCCGCTGGGAAGCGCAGTGACCCGC
 CCGCTGCCGCCCTGCCGCTCGCTCCCGCGGCTGCATGCCTTCTCGCTGCCTTCTGTCCGGGCTCC
 TACTAGCGCTCTCTGTTGGGCGGCCGCGCGGAGGGCGGGGACCCCTTGGGAGGATCTGGCTTTAA
 GGGTGCTACCCCTGTCCACAAGTGCAGGCCCTTCGCCCGCGGGAGTCTGGAGGCGAGCGGCACGC
 ACAGCTCCGGTGGCCGGACCTTTGGGCTGCTGAGCGGAGCCCTACAGGGCTACGAGGTGCTTACGCCC
 TTGGCTACGGAGGCCAAACAGGCTTGGAGGGGCCCTGGCCCTGGTGGGCTTCCAGCTTGGTCTGCGTTT
 GGGAGAGGTAGGCGTCCGCTCCCGTTGGCGCTGCTTGGCCTCTACCCCGCGCTCTGCAGTCCACGTGTG
 CCGCGCGCTGCTGGGCCAAGCTTTCCGACTGTCTCCGGGACATGCTGCCCCGCTGCTGCCAGGAGGT
 GGGTCCCCGGAATCCGGGACAAGGAGCCCTGGGTAGCGCATCGCGCTGGGGACGCGGAGCTGCTGCA
 GCTCTGCGCCCTAGCAGGCCAGGTCTGATCTCTTCTCAAGGTGGCAGCTGCCAGGCTTCGAAGGT
 GCCAGGGCCAACACAACGCAGTCAACAGCCTCTCCCTAGCAGCGATTGCAGGTGGACTTCCGCCCGC
 CCTCGCCCATCAACCTGCGGCGCAGCATCGAGGAAGCCCTCTGTAGCGAGGCGCTGCTGGCTCCTGGCT
 CTTTCAGGGCCCTGCCTTTGGGACGCCCTGTCTGGGCTTGGTCTCTACCGCACCATCTCATTGGGGAAC
 AAGACAGGGGCAGGACCAAGTGAAGAAGTCCGAGAAGTCCCTGGATCCCCAGCACCTCCAGAGCTTCCCT
 CTCTGGGGCTGGCTCCCGGCAGCAGCATCATCGGGCTCTCTGTGTGGACTCTACGGGACAGCTC
 ATCCATGCTTCTGTGTTCCAGCCCCGACAGGCCCGCGCTGCCGTTAGTCTGCGTCTCAGTCCCCCG
 CGACCCTCAGAAAGCAGCCCCAGCCTCCAGCCTCAGGGTCTACAGGCCCTATCCCCACCTCCCGCG
 ACTCCCCGAACATGCTTCTGAAGTGCAGGCTGAGGAGGATTGCTGCAAGAGCAATTCTGGACGCTG
 CCGACAGATTGATGAGCTGAGCATGGGCAGCGACCATAGACCTGA

 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

AscI-MluI

ACCN:

NM_001109226

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:	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_001109226.1</u> , <u>NP_001102696.1</u>
RefSeq Size:	2910 bp
RefSeq ORF:	2709 bp
Locus ID:	500059
UniProt ID:	<u>D4A9R4</u>
Cytogenetics:	4q22