

Product datasheet for **SC100136**

PRRT2 (NM_145239) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRRT2 (NM_145239) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRRT2
Synonyms:	BFIC2; BFIS2; DSPB3; DYT10; EKD1; FICCA; ICCA; IFITMD1; PKC
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_145239, the custom clone sequence may differ by one or more nucleotides

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ATGGCAGCCAGCAGCTCTGAGATCTCTGAGATGAAGGGGTTGAGGAGAGTCCCAAGGTTCCAGGCGAAG
GGCCTGGCCATTCTGAAGCTGAAACTGGCCCTCCCAGGTCTAGCAGGGGTACCAGACCAGCCAGAGGC
CCCGCAGCCAGGTCCAAACACCACTGCGGCCCTGTGGACTCAGGGCCCAAGGCTGGGCTGGCTCCAGAA
ACCACAGAGACCCCGGCTGGGGCCTCAGAAACAGCCAGGCCACAGACCTCAGCTTAAGCCAGGAGGGG
AATCAAAGGCCAACTGCAGCCCCGAAGACCCATGCCAAGAAACAGTGTCAAACCAGAAGTGAGCAAAGA
GGCCACTGCAGACCAGGGGTCCAGGCTGGAGTCTGCAGCCCCACCTGAACCAGCCCCAGAGCCTGCTCCC
CAACCAGACCCCGGCCAGATCCAGCCTACCCCAAGCCAGCCCTTCAACCAGAGCTCCCTACCCAGG
AGGACCCACCCCTGAGATTCTGTCTGAGAGTGTAGGGGAAAAGCAAGAGAATGGGGCAGTGGTGCCCT
GCAGGCTGGTGATGGGAAGAGGGCCCAGCCCTGAGCCTCACTCACCACCTCAAAAAATCCCCCCA
GCCAATGGGGCCCCCCCCGAGTGTGCAGCAGCTGGTTGAGGAGGATCGAATGAGAAGGGCACACAGTG
GGCATCCAGGATCTCCCCGAGGTAGCCTGAGCCGCCACCCAGCTCCCAGCTGGCAGGTCTGGGGTGG
GGGGGTGAAGGCACCCAGAACTCGGGACTACATCATCCTTGGCATCTGTCTGCTTCTGCCCATG
TGGCCTGTCAACATCGTGGCCTTCGCTTATGCTGTATGTCCCGAACAGCCTGCAGCAGGGGACGTGG
ACGGGGCCAGCGTCTGGGCCGGTAGCCAAGCTTAAAGCATCGTGGCGCTGGTGGGGGAGTCCCTCAT
CATCATCGCCTCCTGCGTCATCAACTTAGCGGTGATAAGTGA

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Restriction Sites:	ECORI-NOT
ACCN:	NM_145239
Insert Size:	2740 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:	<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:	NM_145239.1 , NP_660282.1
RefSeq Size:	2372 bp
RefSeq ORF:	1023 bp
Locus ID:	112476
UniProt ID:	Q7Z6L0
Cytogenetics:	16p11.2
Protein Families:	Transmembrane
Gene Summary:	<p>This gene encodes a transmembrane protein containing a proline-rich domain in its N-terminal half. Studies in mice suggest that it is predominantly expressed in brain and spinal cord in embryonic and postnatal stages. Mutations in this gene are associated with episodic kinesigenic dyskinesia-1. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]</p> <p>Transcript Variant: This variant (1) represents the predominant transcript, and encodes isoform 1.</p>