

Product datasheet for **SC332385**

PRRT2 (NM_001256442) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PRRT2 (NM_001256442) Human Untagged Clone
Tag: Tag Free
Symbol: PRRT2
Synonyms: BFIC2; BFIS2; DSPB3; DYT10; EKD1; FICCA; ICCA; IFITMD1; PKC
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332385 representing NM_001256442.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCAGCCAGCAGCTCTGAGATCTCTGAGATGAAGGGGTTGAGGAGAGTCCCAAGTTCCAGGCGAA
GGGCCTGGCCATTCTGAAGCTGAAACTGGCCCTCCCCAGGTCCTAGCAGGGGTACCAGACCAGCCAGAG
GCCCCGACGCCAGGTCCAAACACTGCGGCCCTGTGGACTCAGGGCCCAAGGCTGGGCTGGCTCCA
GAAACCACAGAGACCCCGCTGGGGCTCAGAAACAGCCAGGCCACAGACCTCAGCTTAAGCCCAGGA
GGGAATCAAAGGCCAACTGCAGCCCCGAAGCCATGCCAAGAAACAGTGTCAAACCAGAAGTGAGC
AAAGAGGCCACTGCAGACCAGGGTCCAGGCTGGAGTCTGCAGCCCCACCTGAACCAGCCCCAGAGCCT
GCTCCCCAACAGACCCCGGCCAGATTCCCAGCCTACCCCAAGCCAGCCCTTCAACCAGAGCTCCCT
ACCCAGGAGGACCCACCCCTGAGATTCTGTCTGAGAGTGTAGGGGAAAAGCAAGAGAATGGGGCAGTG
GTGCCCTGCAGGCTGGTGTATGGGAAGAGGGCCAGCCCTGAGCCTCACTCACCACCCTCAAAAAA
TCCCCCAGCCAATGGGGCCCCCCCCGAGTGTGCAGCAGCTGGTTGAGGAGGATCGAATGAGAAGG
GCACACAGTGGGCATCCAGGATCTCCCCGAGGTAGCCTGAGCCGCCACCCAGCTCCAGCTGGCAGGT
CCTGGGGTGGAGGGGGTGAAGGCACCCAGAACTCGGGACTACATCATCTTGCCATCCTGTCTCTGC
TTCTGCCCCATGTGCCCTGTCAACATCGTGGCCTTCGCTTATGCTGTATGTCCCGAACAGCCTGCAG
CAGGGGACGTGGACGGGGCCAGCGTCTGGCCGGGTAGCCAAGCTTTAAGCATCGTGGCGCTGGTG
GGGGAGTCCATCATCATCGCCTCCTGCGTCATCAACTTAGGCGGTGAGTGGGGCTTGGGACAGGC
AGGGGAGGAATGGAAGGTTGGCAAGGGCAGCTTTACTAACCCCTGCCCTGCTCTCCTGTCTGTCC
TCCTTACCTCTCTTTGTCTCTCCTGTCTCCCCCTCCCCCGTGTGCTTCCCTCTCCTCTCCACA
GTGTATAAGTGA
  
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Restriction Sites: SgfI-MluI
ACCN: NM_001256442
Insert Size: 1185 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).



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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_001256442.1</u>
RefSeq Size:	2768 bp
RefSeq ORF:	1185 bp
Locus ID:	112476
UniProt ID:	<u>Q7Z6L0</u>
Cytogenetics:	16p11.2
Protein Families:	Transmembrane
MW:	40.2 kDa
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 (2) differs at the 3' end compared to variant 1, and encodes a longer isoform (2) compared to isoform 1.</p>