

Product datasheet for **SC332386**

PRRT2 (NM_001256443) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PRRT2 (NM_001256443) 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: >SC332386 representing NM_001256443.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCAGCCAGCAGCTCTGAGATCTCTGAGATGAAGGGGGTTGAGGAGAGTCCCAAGTTCCAGGCGAA
GGGCCTGGCCATTCTGAAGCTGAAACTGGCCCTCCCCAGGTCTAGCAGGGGTACCAGACCAGCCAGAG
GCCCCGCAGCCAGGTCCAAACACTGCGGCCCTGTGGACTCAGGGCCCAAGGCTGGGCTGGCTCCA
GAAACCACAGAGACCCCGCTGGGGCTCAGAAACAGCCAGGCCACAGACCTCAGCTTAAGCCCAGGA
GGGAATCAAAGGCCAACTGCAGCCCCGAAGCCCATGCCAAGAAACAGTGTCAAACCAGAAGTGAGC
AAAGAGGCCACTGCAGACCAGGGGTCCAGGCTGGAGTCTGCAGCCCCACCTGAACCAGCCCCAGAGCCT
GCTCCCCAACAGACCCCGGCCAGATTCCCAGCCTACCCCAAGCCAGCCCTTCAACCAGAGCTCCCT
ACCCAGGAGGACCCACCCCTGAGATTCTGTCTGAGAGTGTAGGGGAAAAGCAAGAGAATGGGGCAGTG
GTGCCCTGCAGGCTGGTGATGGGGAAGAGGGCCAGCCCTGAGCCTCACTCACCACCCTCAAAAAA
TCCCCCCAGCCAATGGGGCCCCCCCCGAGTGTGCAGCAGCTGGTTGAGGAGGATCGAATGAGAAGG
GCACACAGTGGGCATCCAGGATCTCCCCGAGGTAGCCTGAGCCGCCACCCAGCTCCCAGCTGGCAGGT
CCTGGGGTGGAGGGGGTGAAGGCACCCAGAAACCTCGGGACTACATCATCCTTGCCATCCTGTCTCTGC
TTCTGCCCATGTGGCCTGTCAACATCGTGGCCTTCGCTTATGCTGTCATGGTGAGCCCCATGGGACCC
TAG
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Restriction Sites: SgfI-MluI
ACCN: NM_001256443
Insert Size: 900 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).



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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: [NM_001256443.1](#)

RefSeq Size: 3195 bp

RefSeq ORF: 900 bp

Locus ID: 112476

UniProt ID: [Q7Z6L0](#)

Cytogenetics: 16p11.2

Protein Families: Transmembrane

MW: 30.7 kDa

Gene Summary: 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]
Transcript Variant: This variant (3) differs at the 3' end compared to variant 1, and encodes a shorter isoform (2) with a distinct C-terminus compared to isoform 1.