

Product datasheet for **SC300158**

PRRG2 (NM_000951) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PRRG2 (NM_000951) Human Untagged Clone
Tag: Tag Free
Symbol: PRRG2
Synonyms: PRGP2
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_000951 edited
 CCTCCTCCTTATCCCCTCCCCTCTTCCCCTGTCCCCTTTACAGCTGGCTGTAGCTGGCCA
 AGGAGTTCTCGATTAAAGAGGAAGGGCAGTGCTCACATTTCTGGGCAGGTGTCTGGAAA
 ATATGAGGGGCCACCCCTCTCTGCTGCTATATATGGCATTAAACCACCTGCCTGGATA
 CTTACCCAGTGAGGAGACAGACCAAGAAGTCTTCTGGGTCCCCAGAGGCCAGAGCT
 TCCTGAGTAGCCATACCCGATTCCAAGAGCAACCACTGGGACCTGGAGCTGCTCACAC
 CAGGGAACCTGGAACGGGAGTGTCTGGAAGAGAGGTGTTCTGGGAAGAGGCCAGGGAGT
 ATTTTGAGGACAACACTCTCACGGAGCGCTTTGGGAGAGCTACATCTACAATGGCAAAG
 GAGGGCGTGGACGAGTGGATGTGGCCAGCCTGGCTGTGGGGCTGACAGGTGGCATCCTGC
 TCATTGCTCTGGCCGGCCTGGGAGCCTTTTGGTATCTGCGCTGGCGACAGCACCGAGGCC
 AGCAGCCCTGTCCCAAGAGGCCGGGCTCATTAGCCCTCTGAGTCCTTTGAACCTCTGG
 GCCACCGACGCCCTGCCTCCACCCCAACCCCAACCCCAAGGCCTCCCACTATGAGC
 AGGCGCTGGCAGCCTCTGGGGTACACGACGCACCTCCACCCCTACACAGCCTCAGGA
 GGCTCACTGAAGAGCTGCTTTGAGACCCGGCTCCTCGAACCGTGCCCTGATTATAC
 CGGATTCGGGAAGCCGCTAGGCCTCATAGACGCCGAAGCTGGACTTGGAGTGGGGAATGG
 TGGGAGTAGGGGTCATCCGGCCGAGGCCTGCCCTGGCACACGCGTTTCCGCCGCGTATG
 GATATACACATGTTTTCGCAACGTGTTCCCGTGTCTGGCCCTCACGGGCCCCACAC
 TCTCCTGACCGTGAGGGCACTGGTCAGTCCGCCCCGTGGTAGGCAGATATGACCTG
 ATTCGGACCCAGGAGCCAGCCCGGCTGTGCCATCTTGTGTATGGGCAGATATGACCTG
 ACAGCCCCCTCCAGTGCCACAGGGTACGCACACGCAGAGCCCCGCTGTGCACACGCGTG
 TCTTCGTGCACTCCCCGTGCGGTACAGGGCACTTCGTAACCCAGGGAAGGGCGGGGG
 CATATTTGCAAGCGCGCTCGGTGCGGGCAGGCTCGCATTGCACCCAGGGAGCTGGAGTTG
 AGCTGTTCCCCTAAATAAAAACCCTTCGGAAAGGAGACCAAAAAAAGCAGAAATAATGCA
 AAAATAATAATGAAATGAACTGCGAAAAA

Restriction Sites: Please inquire



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ACCN:	NM_000951
Insert Size:	1400 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).
OTI Annotation:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to NM_000951.2.
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_000951.1</u> , <u>NP_000942.1</u>
RefSeq Size:	1167 bp
RefSeq ORF:	609 bp
Locus ID:	5639
UniProt ID:	<u>O14669</u>
Cytogenetics:	19q13.33
Protein Families:	Transmembrane
Gene Summary:	<p>The protein encoded by this gene is a single-pass transmembrane protein containing an N-terminal gamma-carboxyglutamic acid (Gla) domain and tandem Pro/Leu-Pro-Xaa-Tyr (PY) motifs at its C-terminal end. The Gla domain is exposed on the cell surface while the PY motifs are cytoplasmic. The PY motifs of the encoded protein have been shown to interact with YAP1, a WW domain-containing protein. Therefore, it is thought that the encoded protein may be part of a signal transduction pathway. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2015]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>