

Product datasheet for **SC122372**

PRRG4 (BC010052) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRRG4 (BC010052) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRRG4
Synonyms:	PRGP4; proline rich Gla (G-carboxyglutamic acid) 4 (transmembrane); TMG4; transmembrane gamma-carboxyglutamic acid protein 4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC010052 edited

```
GCCGCCTCCCGGACCGAGGCAGGACCTCACCCGCGCGTGTCCCGGGGCGCCCTCTG
CGAACCCAGGCCCTTCCCAGGTTTGC CGCGCGGGGCCATCCAGACCCTGCGGAGAGCGA
GGCCCGGAGCGTCGCGGAGGTTTGGGGCGCGGAGACCGAGGGCCTGGCGGCCGAAGGA
ACCGCCCCAAGAAGAGCCTCTGGCCCGGGGCTGCTGGAACATGTGCGGGGGACACAGT
TTGTTTGACAGTTGCCAGACTATGTTTACGCTTCTGGTTCTACTAGCCAAGTCCACACA
GTTACCCTGGGGTTTCTCATTGCGCAAGAGGTCCAAAGGCTTCTAAGCATGCGGGAGAA
GAAGTGTTTACATCAAAAGAAGAAGCAAAGTCTTTTATACATAGACGCCTTCTGTATAAT
AGATTTGATCTGGAGCTTCTACTCCCGCAACCTAGAAAGAGAGTGCAATGAAGAACTT
TGCAATTATGAGGAAGCCAGAGAGATTTTGTGGATGAAGATAAAACGATTGCATTTGG
CAGGAATATTCAGCTAAAGGACCAACCACAAAATCAGATGGCAACAGAGAGAAAAATAGT
GTTATGGGCCTTCTGACTGGATTAATTGCTGCTGGAGTATTTTGGTTATTTTGGATTA
CTTGGCTACTATCTTTGTATCACTAAGTGAATAGGCTACAACATCCATGCTCTTCAGCC
GTCTATGAAAGGGGAGGCACACTCCCTCCATCATTTTCAGAAGACCTGAGGAGGCTGCC
TTGCTCCATTGCCACCTTCTGTGGAGGATGCAGGATTACCTTCTTATGAACAGGCAAGT
GCGCTGACCAGAAAACACAGTGTTCACCACCACCACCATATCCTGGGCACACAAAAGGA
TTTAGGGTATTTAAAAATCTATGTCTCTCCATCTCACTGACTACCTTGTCAATTTGGT
ATAAGAAATTTGTGTTATTTGATAGGCCGGCATGGTGGCTCATGCCTGTAATCCAGCA
CTTTGGGAGGCCAGGAGTTCGAGACCAGCCTGGCCAACATGGTGAACCCGGTCTCTACT
AAAAATCAAAAATTACCTAGGCGTCATGGGCGCATGCCTGTAGTCCCACCTACTTGGGAG
GCTGAAGCAGGAGAATTGCTCGAACCTGGGAGGCAGAGGTTGCAGTAAGCTGAGATCACG
CCACTGCATTCCAGCCTGGGCGACAGAGCAAGACTCCATCTCAAAAATAAAATAAAAAA
AAAAAAAAAAAA
```



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for BC010052 unedited TGACGTTAGAATTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGGGCCGCC TCCCCGGACCGAGGCAGGACCTACCCCGCGCGTGTCCCGGGCGCCCTCTGCGAACC CCAGGCCCTTCCCAGGTTTGCGCGCGGGGGCCATCCAGACCTGCGGAGAGCGAGGCCCG GAGCGTCGCCGAGGTTTGAGGGCGCCGGAGACCGAGGGCTGGCGGCCGAAGGAACCGCC CCAAGAAGAGCCTCTGGCCCGGGGGCTGCTGGAACATGTGCGGGGGGACACAGTTGTTT GACAGTTGCCAGACTATGTTTACGCTTCTGGTTCTACTCAGCCAACTGCCACAGTTACC CTGGGTTTTCTCATTGCGCAAGAGGTCCAAGGCTTCTAAGCATGCGGGAGAAGAAGTG TTTACATCAAAAAGAAGAAGCAAACCTTTTTATACATAGACGCCTTCTGTATAATAGATT GATCTGGAGCTTCTACTCCCGCAACCTAGAAAGAGAGTGCAATGAAGAAGCTTTGCAAT TATGAGGAAGCCAGAGAGATTTTGTGGATGAAGATAAAACGATTGCATTTTGGCAGGAA TATTCAGCTAAAGGACCAACCACAAAATCAGATGGCAACAGAGAGAAAATAGATGTTATG GGCCTTCTGACTGGATTAATTGCTGCTGGAGTATTTTTGGTTATTTTTGATTACTTGGC TACTATCTTTGTATCACTAAGTGAATANGCTACAACATCCATGCTTTCAGCCGCTAT GAAAGGGGGAGGCACACTCCCTCCATCATTTTCAGAAAACCTGAGGAGGCTGCCTTGCT CCACTGGCCCTTCTGGGGGATGCAGGATACCTTTCTATGAAAAGGCANTGGCGCTGA
Restriction Sites:	Please inquire
ACCN:	BC010052
Insert Size:	1280 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:	<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>BC010052.2</u> , <u>AAH10052.1</u>
RefSeq Size:	1271 bp
RefSeq ORF:	678 bp
Locus ID:	79056
Cytogenetics:	11p13
Protein Families:	Transmembrane
Gene Summary:	May control axon guidance across the CNS (PubMed:28859078). Prevents the delivery of ROBO1 at the cell surface and downregulates its expression (PubMed:28859078). [UniProtKB/Swiss-Prot Function]