

Product datasheet for **MC212821**

Prrg4 (NM_178695) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Prrg4 (NM_178695) Mouse Untagged Clone
Tag: Tag Free
Symbol: Prrg4
Synonyms: 9930111118Rik; TMG4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212821 representing NM_178695
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTTTCCACTTCTGATCGTACTCAGCCAGCTGCCAGACTTACCCTCGCAGTTCTCATTGTATCAGAA
GCCTAAAGGATCCGAACATGCCCCAGAAGAAGTCTTTGCGTCAAAGAAGCAGCAAACATCTTTATGCA
CGCCGCCTCTGAACAATAGGTTTGATCTAGAAGTCTTCACTCCTGGGACCTGGAGAGAGAGTGTAT
GAGGAGTTCTGTAGTTATGAAGAAGCCAGAGAGATTTTGGGGATGATGAAAATACGATCAAATTTGGC
AGACTTATTCAATTAAGGACCAACCACAGGATCAGATGTTAACAAAGAGAAAATTGATGTTATGAGCCT
TCTGACTGGATTGATTGTTGCTGGAGTATTCTTGGTTATTTTGGCTTAGTTGGCTACTATGTATGTCTC
ACCAAGTGTAAGGCGGCCATATCCAAGCTCTTCAGCCAACACACAAGAACGGCCAGATACACACCCCT
CCATTGTTTTCCGAAGCCCTGAGGAAGCTGTCTTATCTCCATCAACATCTTCAGAGGATGCAGGACTACC
TTCCTATGAACAGGCAGTAGCACTGACCAGAAAGCACAGTGTCTCACCACCACCTCCCTATCCTGGGCC
GCAAGAGGATTTAGGGTATTTAAAAAGTCCATGTCCCTCCCATCTCACT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_178695
Insert Size: 681 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:	<u>NM_178695.5</u> , <u>NP_848810.3</u>
RefSeq Size:	2846 bp
RefSeq ORF:	681 bp
Locus ID:	228413
UniProt ID:	<u>Q8BGN6</u>
Cytogenetics:	2 E2
Gene Summary:	May control axon guidance across the CNS (By similarity). Prevents the delivery of ROBO1 at the cell surface and downregulates its expression (By similarity).[UniProtKB/Swiss-Prot Function]