

Product datasheet for **MC212510**

Prrg3 (NM_001081135) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Prrg3 (NM_001081135) Mouse Untagged Clone
Tag: Tag Free
Symbol: Prrg3
Synonyms: Gm368
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212510 representing NM_001081135
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTGTATTTCTAGAAGCAAAAATGCCCATGCAGTCCTGAAACGGTTTCTCGTGCCAATGAGTTCC
TGGAGGAGCTACGTCAGGGCACCATTGAGCGGGAGTGCATGGAAGAGATCTGCAGTTATGAAGAGGTCAA
GGAAGTATTTGAGAACAAGAGAAAACGATGGAGTTCTGGAAGGGATACCCAACGCAGTCTACTCAGTT
CGAGACCCTCACAGAGCTCAGATGCTATGTATGTGGTGGTGCCCTTCTGGGGGTAGTCTTGCTGATTG
TCATTGCCTTGTTTATCATCTGGAGGTGCCAACTGCAGAAAGCAACTCGTCACCACCCCTCCTATGCCTCA
GAACCGATACCTAGCCAGTCGTGCTGGGCACAACCTCCCCGTGTATGGTGTACAGAGGTAAGTGTGCAC
AGCCAGGGAGAGTCTCTGGGCACCGTGAGGCAGGAAATAACCCACAGATAGTTATGGGACCCAGCCGGG
GAGGCAGAACCACTGTCAGGCTGGAGAGTACCCTCTACCTCCCTGAGCTCTCTCTCCAGACTATCCAG
TGCTACCCCTCCCCCTTCTATGAGGAGGTGACTGCACCCAGGAGGGCAGCAGTGAGGAGGCCAGTGTC
TCTTACAGTGACCCTCCCCAAAGTATGAAGAGATTGTGGCAGCCAGCCCAAGTGCAGACAAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001081135
Insert Size: 696 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_001081135.2</u> , <u>NP_001074604.1</u>
RefSeq Size:	5947 bp
RefSeq ORF:	696 bp
Locus ID:	208748
UniProt ID:	<u>Q6PAQ9</u>
Cytogenetics:	X A7.3
Gene Summary:	<p>This gene encodes proline-rich gamma-carboxyglutamic acid protein 3, a member of vitamin K-dependent membrane proteins containing gamma-carboxyglutamic acid residues. The encoded precursor protein contains an N-terminal propeptide that is required for the carboxylation of glutamate residues in the mature protein. Alternate splicing of this gene results in multiple transcript variants that encode the same protein. [provided by RefSeq, Dec 2014]</p> <p>Transcript Variant: This variant (1) represents the shorter transcript. Both variants 1 and 2 encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>