

## Product datasheet for RN212205

### Prg4 (NM\_001105962) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Prg4 (NM\_001105962) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Prg4  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN212205 representing NM\_001105962  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGGGTGGAAAATACTTCCCCTCTGCTTGTGCGATGCTGCTTCTGTTTTCTGATTCAACAAGTTTCAT  
 CTCAGATATATCAAGTTGTGCAGGGAGATGTGGGAAGGGTATTCTAGAGACGCCACCTGCAACTGTGA  
 TTATAACTGCCAACTACATGGAGTGTCTGATTTCAAGAGAGTCTGCACTACAGAGCTCTCCTGC  
 AAAGGACGCTGCTTCGAGTCTTCGCACGAGGGAGGGAGTGTGACTGTGACTCCCAAGTGTAAACAGTACG  
 GCAATGTGTGCACTACAACAGCTTCTGCGAAGAAGTGCATAATCCACATCACACCTCCAAAGAC  
 TGCACCCCGCTCCAGGAGCGTCTCGCACCATCAAATCAACCACCAAACGTTACCCAAATCACAAAA  
 AAGAAGACTAAGAAAGTTGTAGAGTCTGAGGAAAATAACAGAAGAACATTCTGTTTCTGAAAATCAAGAGT  
 CCTCCTCCTCCTCCTCCTCCTCCTCAACTATTCGAAAAATCAAGTCTTCCAAAAATTCAGCTAATAG  
 AGAATTACAGAAGAACCCAAAAGTAAAAGATAACAAGAAAAACCCCGAAAAAGAACCTAATCCAGAA  
 CCACAGTCGTGGATGAAGCTGGAAGTGGTCTGGACAATGGTGAAGCCAGCTTACCCACCTCCTGACC  
 CTCTACTCCACACAACAAAGTACCGCATCTCCAAGACTACAGCGGCAAAACAGTAACTCCTAAACC  
 CAGTCTTGACCTAATTCTGAGACTTCCAAAGAGGCATCTCAACTTCCAATAAAGAGACAACAGTTGAA  
 ACAAGGAGACCACTGAAACAAATAAACAGTCTTCGCGCAGTAAAAAAGAGAAGACTACTTCAGCTAAAG  
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 TCCCACTACCACCAAGAAGCCTGTAACATAACCAAGGAACCTGTTCTACCACTACCAAGGGCCCTGAA  
 CCCACCTCCAAGGAGCCAGCTCCCACCACCCCTAAGGAGCCTGAACCTCACCATTCCCAAAGAACCAGCTC  
 CCACCACCAAGAAGCCAGCTCCCACCACCCCAAGGAGCCAGCTCCCACCACCCCTAAGGAGCCAGCTCC  
 CACCACCCCAAGGAGCCAGCTCCCACCACCCCAAGGAGCCAGCTCCCAATACCCCTAAGGAGCCAGCTCC  
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 CCACCACCCCAAGGAGCCAGCTCCCACCACCCCTAAGGAGCCAGCTCCCAATACCCCTAAGGAGCCAGCTCC  
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 GCTCCCACTACCCCTAAGGAGCCAGCTCCCACCACCCCAAGGAGCCAGCTCTTACTACCCCTAAGGAGC  
 CAGCTCCCACCCCAAGGAGCCAGCTGAACCCACCACCCCTAAGGAGCCAGCTCCCACCACCCCTAAGGAGCC  
 AGCTCCCACCACCAAGAAGCCTGAACCTCACCATCCCAAGGAGCCAGTTCCTACCACCCCAAGAACCA



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GCTCCTACCACTCCCAAAGAGCCTGCACCCACCACCACCAAGAAGCCTGAACTCAGCACCCCTAAGGAGC  
 CCACATCTACTAACCCCAAGGAACCTGAACCCACCCTCCCAAGGAGCCTGAACTCACCCCTCCCGAGGA  
 GCCTGAACCCAGCAACCCCGAGACATCCGATGAATTAATAGCTGAGCTTGCTGAGGCACCCACACCAAAG  
 GCTCTTAAAAATAATCCCAAGGAACCCACTGTACCAACTGAGACTCCTGAGGTAAGCAAGCCTGAAATGA  
 CAACTGCTAAAGAGAAGACAACGAAAAAGACACAACCCAACTACAACAACAGTAACCCCTAAGACAAC  
 AACAGAGACAACAATCATACCGGAAGAGACTACTGAACCAAGAGCAAGTACCACCCTCGAATAACGTCT  
 ACAGTCAAGATACCACATCACCCAAATGACTACTCTGAAAGCTACAACCTTTGCAGCCAAAGTAACTG  
 CTCCAACAGAAGAGATTAGAGCAAACCCAGAAACAACCTTTAACAACCTCTGCATTGGAAGTTCTGA  
 TGCTTCTAAGACAACCCCTAAAACCTCAGAAACCAACAAAGCGCCCAAGAAGCCCGCCTCTACAAAAAG  
 CCAACCAAGCGCCCAAGAAGCCACCTCTACAAAAAGCCAAAGACACCAAAAGGGAGAAAAACAAAA  
 CCACACCATCTCCTTTAAGACTTCAACAAATGTCTGAACAGAATACCACCCTCTAGAAGTCATGCTGCC  
 AACACCACCGTCCCTAAACAACTCCAACTCTGAAACAGCTGAAGTGAATCCAGCTCATGAAGATGCA  
 GATGGAGGTGAAGGAGAAAAACCTCTGATTCAGGCCCTGTGCTATCCCCACTGCTGTTCCAGGAA  
 CCGATCTCTTGGTTGAGAGACTCAATCCAGGCATTAACATCCATCCCATGTTTTTCAGATGAGACCAATAT  
 ATGCAATGGTAAGCCAGTGGATGGACTGACCACCTGCGCAACGGGACGTTAGTTGCATTTTCGAGGTCAT  
 TATTTCTGGATGCTGAACCCATTAGACCACCCTCCACCACGAGAATCACTGAAGTCTGGGGTATTC  
 CCTCTCCATTGACACGGTTTTTACTAGATGTAAGTGTGAAGGAAAACTTTCTCTTTAAGGATTCTCA  
 GTACTGGCGCTTTACCAACGATGTAATGGATGCTGGGTATCCTAAACTAATTGTCAAAGGCTTTGGAGGA  
 CTAACAGGGAAGATAGTGGCTGCTTTTCAATAGCCAAGTACAAGGACAGACCTGAATCTGTGACTTCT  
 TCAAGAGAGGTGGCAACATCCAGCAGTACACTTACAAACAGGAGCCCGTGAGGAAGTGCACAGGGAGGCA  
 GCCTGCCATCACTACTCAGTGTATGGGCAGGCAGCACAGGTGAGGAGGCGCCGCTTTGAGCGTGTGTT  
 GGACCTTTCCAGACACACCTTCAGGATCCATTACTCGGTGCCCATCAAAGCCTTTATCAAGACAAG  
 GCTTCTCCACAATGAAGTCAAAGTGAGCACACTGTGGAGAGGTTCCCAAATGTCGTTACTTCCGCGAT  
 AACACTGCCCAACATTAGAAAACCTGACGGCTATGATTACTACGCCTTTTCCAAAGATCAATACTATAAC  
 ATCGATGTGCCTACTAGAACAGCAAGAGCAATCACACGCGCTCAGGGCAGACCCTCTCCAGAGTCTGGT  
 ACAACTGCTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001105962
- Insert Size:** 3444 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:**
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\\_001105962.3](#), [NP\\_001099432.3](#)

RefSeq Size: 3849 bp  
RefSeq ORF: 3444 bp  
Locus ID: 289104  
Cytogenetics: 13q21