

## Product datasheet for **SC123348**

### **PRR18 (NM\_175922) Human Untagged Clone**

#### **Product data:**

|                           |                                        |
|---------------------------|----------------------------------------|
| Product Type:             | Expression Plasmids                    |
| Product Name:             | PRR18 (NM_175922) Human Untagged Clone |
| Tag:                      | Tag Free                               |
| Symbol:                   | PRR18                                  |
| Mammalian Cell Selection: | None                                   |
| Vector:                   | <u>pCMV6-XL5</u>                       |
| E. coli Selection:        | Ampicillin (100 ug/mL)                 |



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**Fully Sequenced ORF:**

>OriGene sequence for NM\_175922 edited  
 GCGGGAGGCGGTTCTGCAGGGTCCAGTCCCGGGAGCACCCCCAGGAGGAGGGGAGGGTG  
 GGAGCGCCTCTCTTTGAGTCCCCGGGTTTGGTCGCTGGGATGTGAGGAAGCCGGAGAGGC  
 CGCGGCTGGACGACAGGTGGGTGTGGAGGGGCGCCCGGACTGCGGGGACCCGCTCCGCGC  
 ACAGTGGCTGAGCGCCCGCTCTCTTTCCAGGGGCTGAGGATCCGGCGGCTCGGTGCAC  
 TATGCCCTTCCGCCCCATGCCGCCGCCGCCGCCGCCGCCGGGGGCCAAGCCGCGCG  
 CCAGTTACCCCGGAGCCCTGCCGCCGGGGGACAAGAAGAAGAGCCCCACAGCGGCC  
 CGAGGGGCTCCTCTCAGCTCCTGGCCCTCCGCCACGCTCAAGAGGCCGCGGCCGCGCG  
 CGGCCCGGCGCTGGACAGGACGACGCCACCGGCCCTCCGGGCGTCTCCCCCAGGCCTT  
 GCCCAGCCGCGCGCGGGCCCCAGCCACGTGCGCCCCGCCCGGCCGCGAGGCTCCGGCCA  
 CAGCCCAGCGAGGACCACCTATGCGGCGACCTCGCGGGGACGGGGACCACCGCCGCGGG  
 CACCTCCTCGGGGGCGGGCCTTGTCAGACTCCGCTGCGCGCTTCTCCCTGAATCTCAC  
 ACCCGAGCGCTCCTGGTCATCCAGAAGCGTCATCTGGAGAAGCAGCTGCTGGCGCGGCC  
 CCGCAGGCCCTTCCCTCACCTCGGCCGAACCCAGGCGCCTACTCGCCCGTGTCTCCC  
 GGCTAGGCGCGCGGGCCCGCGGAGGGGCGGCCCGCCAGCGACCCGACGCACCCCCAC  
 CGCCGGCCAGGGCCGCCGCGCCTCCGCCCGGCCAGCTGCTGCACGCGGCCCTGCA  
 GGTTCCCCAGCTCAGCCCGCGGGCCCGGGCCCTGCGGCCGATGCTCAAGTGTCGCTGCT  
 CAACGAGCGGCACAGGTACGACGACGTGGAGTACGAGGAGGAGCCAGAGGCGGTGGACGA  
 GGGCCTGGTACGCAAGTGCACGAGTGGCTGCGCGGCGTGGAGTCGGCGGCTGCCGCGCG  
 GGGCCGGGCGGGGGCCCTGGACTCACGGCGGCACCTGAGCAGCTGTGAGCCAGCGGGC  
 CTGCGGGGACAGGCCAGGCTGATCCCACCTCACTTCTGCACGCGCCACTCCGCTAGG  
 GGCCCTCGGGGAGACCGCAGGCTCCTCTGGCCGCCAGCGCCACTTTCGGGACACCGGT  
 GCGCAAGCTGGCCACGTGGGGCGCAGCCAGACTCGCCGACGGCCACGGCCCCCTCCT  
 GCCCTCGCCAGCCGGCAGCCCGGGCCTTCTCGTTCACACCGGTGGTATCTACCCAGAT  
 GCCTGCCTCTGCCCCACTCTGGCCTCCTTGGCATCGCCGAGCATCCATGCAGTTCGT  
 GGGGAATTAAGCAACTGAGAAATGCCTCTTGGTGCCCGACCCCGAGGTTCTGTCTAGG  
 TCCCAGAGACCTCTGCCTGGAGCGGGCCTTCCCAGGGCTACATCTGCACGCCCGTG  
 GTGTACCCTCAGCCGGCGCCGGGCACCCTGGACAGTGGGTGGGCGATGGCCAGGTGG  
 GTGGCCGCGACGGTGGCCTCCTGCAGAGCTGGGACCCGGTCTACATTCTGATTTTGT  
 TTCTCCCAAGTCAGAAAAATGTTGAGGGTATTAGACATCCCTGAACTCAGTTAACCGAA  
 TTTCCAGTCTCCAAAGCGGAAGGTAGGCATCGCCAGGCGCTGGTGAGCCCTGGTCAATG  
 AGCGCTTCCATGAAACCGCTCGGCTGATTACATTTTTTCTGTGTATTATTTGAATAGAG  
 AGTAAAGCTCCTCCGCTGTTTCGTAAACCATATCCTTTCCCCCGCTAACTGGAGGCTGATT  
 TCTACATATTTCTTCATGTATCTGAGAATATCTAACTAGAAGGATGAGAAGGAAATAAA  
 ATGTTATAATCAGATAAGGCTGGTTATAAAGAGTAATGTATTACCTCAATTTTGTACTG  
 ACTTTGTAAAAGCCAATAACTGGTTTAAATGTTTATCTTGATAGACTTTAAATGTATCAAG  
 TCTTAATTGTATTTTAAATTGAAGCCTTACATTTTTTAAACAAAAAAAAAAAAAAAAAAAA  
 AAAAAAAAAAAAAA

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|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>5' Read Nucleotide Sequence:</b> | <p>&gt;OriGene 5' read for NM_175922 unedited</p> <pre> GGGTTAGGATTTGTATACGACTCATGTGGGGCGGCCGGAATCCCGGGTGCGGGAGGCG GTTCTGCAGGGTCCAGTCCCGGGAGCACCCAGGAGAGGGGAGGGTGGGAGCGCCTCT CTTTGAGTCCCCGGGTTTGGTCGCTGGGATGTGAGGAAGCCGGAGAGGCCGCGCTGGAC GCAGGTGGGTGTGGAGGGGCCCGCCGACTGCGGGGACCCGCTCCGCGCACAGTGGCTGA GCGCCCGCCTCTCTTTCCAGGGGCTGAGGATCCGGCGGCTCGGCTGCACTATGCCCTTCC CGCCCATGCCCGCGCCGCCCGCCCGCCCGGGGGCCCAAGCCGCGGCCAGTTACCCC GGAGGCCCTGCGCCGCGGGGACAAGAAGAAGACGCCCCACAGCGGCCCGAGGGGCTCC TCTCCAGTCTCTGGCCCTCCGCCACGCTCAAGAGGCCGCGGCCGCGCGGCCCGGCC TGGACAGGACGCAGCCACCGGCCCTCCGGGCGTCTCCCCCAGGCCCTGCCAGCCGCG CGCGGGCCCCAGCCACGTGCGCCCCGCCCGGCCGCGCAGGCTCCGGCCACAGCCAGCGA GGACCACCTATGCGGCGACCTCGGGGGGACGGGGACACCGCCGCGGGCACCTCCTTGG GGGCGGGGCTTGTCCAGACTCCGGTGCGCCCTTCTCCCTGAATCTCAAACCCGAAGCCC GCCTGGTCATCCGGGAACGTCTCTGGAGAAGCAGCTGCTGGGGCGGGGCCGAAGGCGC TTCCCTCACCCTGCGGCCGAACCCAGGCGCCTACTCTCCCTTGGTCTCCCGGTAGGGC CCGGGGCCCTGGGAGGGGCGGGGCCCGCCAGAGGCTCCGAAGCACCTTCATCGTCGG ATAAGGCGGCCGCGCCCTCTTCGCCGG </pre> |
| <b>Restriction Sites:</b>           | Please inquire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ACCN:</b>                        | NM_175922                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Insert Size:</b>                 | 2174 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>OTI Disclaimer:</b>              | 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).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Components:</b>                  | 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).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Reconstitution Method:</b>       | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>RefSeq:</b>                      | <a href="#">NM_175922.3</a> , <a href="#">NP_787118.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>RefSeq Size:</b>                 | 2704 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>RefSeq ORF:</b>                  | 888 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Locus ID:</b>                    | 285800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>UniProt ID:</b>                  | <a href="#">Q8N4B5</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Cytogenetics:</b>                | 6q27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |