

## Product datasheet for **MC222086**

### Prickle2 (NM\_001134459) Mouse Untagged Clone

#### Product data:

|                    |  |
|--------------------|--|
| Product Type:      | Expression Plasmids                          |
| Product Name:      | Prickle2 (NM_001134459) Mouse Untagged Clone |
| Tag:               | Tag Free                                     |
| Symbol:            | Prickle2                                     |
| Synonyms:          | 6230400G14Rik; 6720451F06Rik; mpk2           |
| Vector:            | pCMV6-Entry (PS100001)                       |
| E. coli Selection: | Kanamycin (25 ug/mL)                         |
| Cell Selection:    | Neomycin                                     |



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**Fully Sequenced ORF:** >MC222086 representing NM\_001134459  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGTAACAGTGTGCCGCTGGAGATGGAGAAGACCATCAGCAAGCTCATGTTTGACTTCCAGAGGAGTT  
 CAACCTCAGATGACGACTCTGGCTGTGCTTTGGAAGAGTACGCCTGGGTCCCCCAGGGCTGAAGCCTGA  
 GCAGGTGCACCAGTATTATAGCTGCCTCCAGAAGAGAAAAGTCCCCTATGTCAACAGTGTGGAGAGAAG  
 TTGCGAATCAAGCAGCTACTGCACCAGCTGCCGCCCATGACAATGAGGTTTCGGTATTGCAACTCCCTGG  
 ACGAGGAAGAGAAGGGAACTGAAGCTGTTTCAGCAACCAGAGGAAACGTGAGAACCTGGGCCGAGGCAA  
 TGTCCAGCCTTTCCCGTCACCATGACAGGAGCTATTTGTGAACAGTCCGGAGGGCAGATTAAGGGCGGC  
 GACATCGTGTGTTGCATCACGTGCTGGCCATGGCATCTGCTGGCATCCACCCTGCTTCGTATGCACCG  
 TCTGCAATGAGCTTCTGGTTGACCTCATCTACTTTACCAAGATGGGAAGATCTACTGTGCAGGCACCA  
 TGCAGAGTGCCTGAAGCCACGCTGTGCAGCCTGTGATGAGATCATCTTTCAGACGAGTGCACAGAGGCT  
 GAGGGACGACACTGGCACATGAGACATTTCTGCTGCTTTGAGTGTGAGACAGTGTGGGGGCCAGCGCT  
 ACATCATGAAGGAGGGAAGACCCTACTGCTGCCACTGCTTTGAGTCCCTGTATGCAGAATATTGTGATAC  
 CTGTGCCCAACATATAGGAATTGACCAAGGTCAAATGACCTACGACGGCCAACTGGCATGCTACAGAG  
 ACCTGTTTCTGCTGTGCTCATTGTAAGAAGTCTTCTGGGACGGCCATTCTCCCAAAGCAAGGCCAGA  
 TATTCTGCTCACGGGCTGTAGTGTGGGGAGGACCCCAATGGCTCTGATTATCTGACTCCGCCTTCCA  
 GAACGCCAGAGCAAGGAGTCTCGCCGACGTGCCAAAATCGGCAAGAACAAGGGCAAGACAGAGGAAGCC  
 ATGCTGAACCAGCACAGCCAGCTGCAGGTGAGTTCTAACCGGCTCTCAGCTGATGTGGACCCCTGTGAG  
 TGCAGATGGATCTCCTCAGTCTGTCCAGCCAGCCAGCCTCAACCGGGACCCCATTTGGAGGACCCG  
 GGAAGAGCCCTTTTATTATGGGAATAAGATGGAGCAGAACAATCCAGAGTCTTTGACGCTTCTCAGC  
 CAGTGCAACATCAGAACGTCCTACAGTCCAGGAGGCGAGGAGCAGGAGCCAGCCTGACATGTGGGCCA  
 AGCACTTCAGCAACCCTAAGAGAAGCTCATCAATGGCCCTGAAGGGGCATGGAGGAGCTTTATCCAGGA  
 ATGCCGTGAGGACTATTACCCGGGGAGGCTGATGTCCCAGGAGAGCTACAGTGATATGTCCAGCCAAAGC  
 TTTAATGAAACCCGAGGCAGCATCCAGTTCCTCAAGTATGAGGAGGAAGAGGAGGAGGAAGAAGGTGGCA  
 TATCTACTCAGCAGTGCCGGCCCGTCCACTCAGTTCCTGAAATACACAGAAGACATGACACCCAC  
 GGAACAGACTCCTCGTGGCTCTATGGAATCACTGGCCCTGTCAAATGCAACAGGCCTGTCTGCTGAAGT  
 GGTGCCAAGGCCAGGAGCACCTATCACGTTTTCCATGCCTGACCTCAGCAAAGACTCTGGAATGAATG  
 TCTCGAAAAGCTGAGCAACATGGGCACTCTCACTCCTCAATGCAGTTCAGGAGCGCAGAGTCTGTCCG  
 CAGCCTGTCTCCGCACAACAGTACCAGGAGATGGAGGGGAACCTTCACCAGCTCAGCAACCCCTAGGA  
 TACAGGGACCTGCAGTCCCATGGAAGGATGCACCAGAGCTTTGATTTTGTGGTGGCATAGCGAGCAGCA  
 AGCTACCAGGACAGGAAGGTGTGCACATCCAGCCCATGAGTGAGCGCACCCGGAGGAGAACTACTTCCAG  
 GGATGACAACCGCCGCTTCCGCCCTCACCGTCCAGGAGGTCCCGACGTTCTCGCTCAGACAACGCCCTG  
 CACCTAGCCAGCGAGCGAGAGGTATCGCTCGGTTGAAAGAAAGGCCCTCTGAGAGCCAGGGAGGACT  
 ATGACCAGTTCATGCCCAACGCAGCTTCCAGGAGAGCCTGGGGCAGGGTTCCCGCGGGATCTGTACAG  
 CCAGTGTCCAGGACTGTGTCGACCTGGCTTTGCAGAAATGCCTTTGGGGAACGATGGGGACCTACTTC  
 ACGGAGTATGATTGGTGTCCACCTGCTCCTCCTTCTGAGTCCGACAACGAGGGCTACTTCTAGGAG  
 AACCCATCCCGCAGCCAGCCGCTACGATATGTCAAAAGTATGAGCTCCTGCACAAATACAGCTCTTA  
 CGGTGTCCCAAATCCTCCACCTTAGGTGGCAGAGGACAGTTGCATAGCAGGAAAAGACAGAAGAGCAAA  
 AACTGTATCATTTCG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001134459  
**Insert Size:** 2538 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>                | <u><a href="#">NM_001134459.1</a></u> , <u><a href="#">NP_001127931.1</a></u>   |
| <b>RefSeq Size:</b>           | 7878 bp   |
| <b>RefSeq ORF:</b>            | 2538 bp   |
| <b>Locus ID:</b>              | 243548  |
| <b>UniProt ID:</b>            | <u><a href="#">Q80Y24</a></u>   |
| <b>Cytogenetics:</b>          | 6 D1  |