

## Product datasheet for **RN214380**

### Prickle1 (NM\_199396) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Prickle1 (NM_199396) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prickle1
Synonyms:	Rilp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN214380 representing NM\_199396  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCTTTGGAGATGGAGCCAAAATGAGCAAAGTGGCCTTTGGGTGCCAGAGAAGTTCCACATCAGACG  
 ACGATTCGGGTGCGCCCTGGAAGAGTATGCTGGGTCCACCGGCCTCAGGCCTGAGCAGATCCAGCT  
 CTATTTTCGCATGCTTGCCAGAGGAAAAGTTCTTACGTTAACAGCCCTGGAGAGAAACACCGGATTA  
 CAGCTTTTGTACCAAGTTGCCACACACGATAACGAGGTGAGGTAAGTCCAGTCTTTAAGCGAAGAGGAGA  
 AGAAGGAATTGCAGGTGTTCAAGTCTCAGAGGAAGAAAGAGCTCTCGAAGAGGAACCATTAAGTCTT  
 GTCCAGAGCAATGATGCACGCAGTGTGTGAGCAGTGTGGTTCAGATGAACGGAGGGGAGGTGCGAGTG  
 TTTGCCTCCCGTCCGGTCTGGAGTGTCTGGCATCCATCTGCTTTGTCTGCTTACGTGTAATGAAC  
 TACTGGTCGACCTCATCTATTTCTATCAGGATGGAAAAATCCACTGTGGCAGGCACCATGCCGAAGTCT  
 CAAACCTCGGTGCTCAGCCTGTGACGAGATCATTTTTGCGGACGAGTGCACAGAGCCGAGGGCCGCAC  
 TGGCACATGAAGCAATTTCTGCTGCTAGAAATGTGAAACGGTCTGGGAGGGCAGAGATATATCATGAAGG  
 ATGGCCGCCCCCTTCTGCTGCGGCTGCTTCGAGTCTCTACGCGGAGTACTGCGAAACCTGTGGCGAGCA  
 TATTGGTGTGGACCATGCCAGATGACCTATGACGGACAACATTGGCATGCCACCGAGGCCTGCTTTTCC  
 TGTGCTCAATGTAAGGCCTTTTGTGGGATGCCCTTCTCCAAAACAAGGTGAGTCTACTGCTCCA  
 AGACCTGCAGCCTTGGGGAAGACATCCACGCCTCCGATTCCTCTGACTCTGCCTCCAGTCAGCCCGATC  
 GAGAGACTCCCGGAGAAGTGTGAGGATGGGAGAGCAGCCGCTCTGTGACCAAGTGCAGGCAGTCTCTC  
 CTTCTGTCTCCGCTCTGAACACAAAGTCCCGGGTCTTTCTGGCAGTGTGACGACACTCTCTCGGA  
 AGCTGGACGAGTGGCCTCTCCGGCAGGGAGCGGGCTTTGCTCATGAGGAATTTGAAAGCCAGAGAT  
 GGATCAGGAAGCCTCTGAAGACCCTGAAGAATGGGCTGAGCACGAAGATTATATGACACAGCTCCTCCTC  
 AAGTTTGGTGATAAAAACTCTTCCAGCAGCCGCGGAGGTGGACATGAGAGCCAGTGGACTGGA  
 TACCCGACAACATGGTTACGAATAAGCCGGAGGCAAAGCAGAATCACCAGAGCCTTGCGAGTAAAAAGTA  
 TCAGTCGGATATGTAAGTGGGCCAGTCCCAAGACGGGTGGGTGACTCCGCTACGGCAGCCACCCAGGC  
 CCTGCCAGCAGCCGAAGGCTGCAAGAGCTAGATCTGGACCAGGTGCTGCGGGGTATAACCATGACCAAA  
 CCCAGTGGTATGAAGACTCCCTGGAGTGCCTGTCTGACTTGAACACAGAGCAGAGTGTCCGGGATCTAT  
 GGATCTCTGGCCTGTCCAACATCACAGGGGCATCCGTGGACGGAGAAAGCAAGCAAGGCCATCATT  
 TACTCTCTCCAAAACCTCGAGGAGATAGAGGCAGAAGACTGTGAGAAAATGAGCAATATGGGAACCTGA  
 ATTCTTCCATGCTGCACAGGAGCGCAGAGTCTTAAAAAGTCTGAATTCAGAACTGTGCCAGAAAAAAT  
 TATACCGAGGAAAAACAGTGCACCTGCCGGTCTCAGAAGATCCAAGTCTCAGTCCCGACACAGCAG  
 GTCAAGTTTTAGATGACGTATCGACAACGGAAGCTACGACATCGAAATCCGGCAGCCTCCAATGAGTG  
 AAAGGACTCGGAGACGAGTGTATCACTTTGAAGAGAGGGGATCCAGGCCTCACCACCATCGCCACCCGGAG  
 AAGCAGAAAGTCGCGTCCGACAACGCCCTGAACCTGGTACAGAAAGGAAGTACTCCGCCAAGGACAGA  
 CTTCCGGTGTACACCCCGATAACTATGAGAAATTCATACAGAGTAAGGGCGCCCGGGAGCTCCAAGCAT  
 ACATGCAGAAATGCCAACCTCTACGGCCAGTATGCCACACCACATCGGATTATGCCCTGCAGAACCACGG  
 AATGACCAGGTTCTGGGGCTCTACGGGACGACGATGACTCTGGTGTTCATCCTCCACTTCTCTCC  
 GACTCAGAAGAAGAAGGCTATTTCTTGGACAGCCAATCCCTCAGCCTCGGCCACAAAGATTCACTACT  
 ATACGGATGACCTTTCTAGTCCGGCTTCTGCACTGCCACCCACAGTTAATCAGAGGACAACCTAAATC  
 CAAGAAGAAAAAGGGACACAGGGGCAAAAACCTGTATCATTCT**TAA**

**ACGGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_199396  
**Insert Size:** 2496 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_199396.1</a> , <a href="#">NP_955428.1</a>
<b>RefSeq Size:</b>	4485 bp
<b>RefSeq ORF:</b>	2496 bp
<b>Locus ID:</b>	315259
<b>Cytogenetics:</b>	7q35
<b>Gene Summary:</b>	plays a role in the nuclear localization of transcriptional regulators REST4 and REST/NRSF; may act as a nuclear receptor for transcription factors [RGD, Feb 2006]