

Product datasheet for **RN213095**

Prickle2 (NM_001107876) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prickle2 (NM_001107876) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prickle2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213095 representing NM_001107876
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTGACAGTGTGCCGCTGGAGATGGAGAAGACCATTAGCAAGCTCATGTTTGACTTCCAGAGGAATT
 CAACCTCAGATGACGACTCGGGCTGTGCTTTGGAAGAATATGCCTGGGTCCCCCGGGCTGAAGCCTGA
 GCAGGTGCACCAGTATTATAGCTGCCTCCAGAAAGAGAAAAGTTCCCTATGTCAACAGCCCTGGAGAGAAA
 TTGCGAATCAAGCAGCTACTGCACCAGCTGCCACCCACGACAATGAGGTTTCGGTATTGCAACTCCCTGG
 ACGAGGAGGAGAAGCGGGAGCTGAAGCTGTTTCAGCAACCAGAGGAAACGTGAGAACCTGGGCCGAGGCAA
 TGTGAGGCCCTTCCCGTCACCATGACAGGGGCTATTTGCGAACAGTGTGGAGGTGAGATTAAGGGCGGC
 GACATCGTGTGTTGCATCACGTGCTGGCCATGGCATCTGCTGGCATCCACCATGCTTTATATGCACAG
 TCTGCAATGAGCTTCTGGTTGACCTGATCTACTTTACCAAGATGGGAAGATCTACTGTGCAGGCACCA
 TGCTGAGTGCCTGAAGCCGCGCTGTGCAGCCTGTGATGAGATCATCTTTCAGATGAGTGCACAGAGGCT
 GAAGGACGACATTGGCACATGAGACACTTCTGCTGCTTCGAGTGTGAGACGGTGTGGGGGCCAGCGCT
 ACATCATGAAGGAGGGAAGACCCTACTGCTGCTACTGCTTTGAGTCCCTGTATGCAGAATATTGTGACAC
 CTGTGCCCAACATATAGGAATTGACCAAGGTCAAATGACCTATGACGGCCAACTGGCATGCTACGGAG
 AACTGTTTCTGCTGTGCTCATTGTAAGAAGTCTCTCCTGGGGCGGCCATTCTCCCGAAGCAAGGCCAGA
 TATTCTGCTCACGGGCTGTAGTGTGGGGAGGACCCCAATGGCTCTGACTCATCTGATTGAGCCTTCCA
 GAATGCCAGAGCAAGGAGTCTCGCCGAGTGCACAAAATGGCAAGAACAAGGGCAAAACAGAGGAAACC
 ATGCTGAACCAGCACAGCCAGCTGCAGGTGAGTCTAACCGGCTCTCAGCTGATGTGGACCCCTGTGAG
 TGCAGATGGATCTCCTCAGCCTGTCCAGCCAGAGCCAGCCTCAACCGGGACCCCATTTGGAGGAGCCG
 GGATGAGCCCTTCCATTACGGGAACAAGATGGAGCAGAACAATCCAGAGTCTTTGACGCTCCTCAGC
 CAGTGCAACATCAGAACGTCCTACAGTCCAGGAGGCGAGCAGCAGGAGCCAGCCTGACATGTGGGCCA
 AGCACTTCAGCAACCCCAAGAGAAGCTCATCAATGGCCCTGAAGGGGCACGGTGGCAGTTTTATCCAGGA
 ATGTCGTGAGGACTATTACCCAGGGAGGCTGATGTCCCAGGAGAGCTACAGCGATATGTCTAGCCAAAGC
 TTTAGTGAACCCGAGGCAGCATCCCGTTCCCAAGTATGAGGAGGAGGAGGAGGAGGAGGAAGAAG
 GTGGCATATCTACCCAGCAGTCCCGGCCCGGCTCCACTCAGCTCCCTGAAATACACAGAGGACATGAC
 ACCCACAGAACAGACTCCTCGTGGCTCTATGGAATCACTGGCCCTGTCAAATGCAACAGGCCTGTCTGCT
 GAAGGTGGTGCCAAAGCGCCAGGAGCACCTATCCCGTTTTCCATGCTGACCTCAGCAAAGACTCTGGAA
 TGAATGTCTCGAAAAGCTGAGCAACATGGGCACTCTCAACTCCTCAATGCAATTCAGGAGCGCAGAGTC
 TGTCCGACGCTACTGTCTGCGCAACAGTACCAGGAGATGGAGGGAAACCTTACCAGCTCAGCAACCCC
 CTGGGGTACAGGGACCTACAGTCCCATGGAAGGATGCACCAGAGCTTTGATTTTGATGGCGGCATAGCGA
 GCAGCAAGCTACCAGGGCAGGAAGGTGTTACATCCAGCCATGAGTGTGAGCGCACCCGGAGGAGAACTAC
 TTCCAGGGATGACAACCGCCGCTTCCGCCCTACCGGTCCAGGAGGTCCCGACGCTCACGTTTACAGAAC
 GCCCTGCACCTAGCCAGCGAGCGGGAAGTATCGCTCGGTTGAAGGATAGGCCCCCTCTGAGAGCCAGGG
 AGGACTATGACCAGTTCGTGCGCAACGCGATTTTCAGGAGAGCATGGGGCAGGGTCCCGGCGGGATCT
 GTACAGCCAGTGTCCAGGACTGTGTGAGACCTGGCTTTGCAGAATGCCTTTGGGGAACGATGGGGACCC
 TACTTCACGGAGTATGATTGGTGTCCACCTGCTCCTCCTCTTTCAGAGTCCGACAATGAGGGCTACTTCC
 TAGGAGAACCATCCCCAGCCAGCCCGCTACGATATGTCACAAGTGTGAGCTCCTGCACAAGTACAG
 CTCTTACGGTGTCCCAATCCTCCACCTTAGGTGGCAGAGGACAGTTGCACAGCAGGAAAAGACAGAAG
 AGCAAAAAGTGTATCATTTCG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001107876
Insert Size: 2544 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:	<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_001107876.1</u> , <u>NP_001101346.1</u>
RefSeq Size:	7759 bp
RefSeq ORF:	2544 bp
Locus ID:	312563
Cytogenetics:	4q34