

Product datasheet for **MC222495**

Prickle2 (NM_001081146) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prickle2 (NM_001081146) 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: >MC222495 representing NM_001081146
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTT**CAGCCGGAGCTCGCG**AAAAAGACTGTCCCGCCGCTCGTTGACTGGACTGGT**CGGATTGAGAGAG**
 GCCAGCCATGTAACGCCTGTGGTACCAGTGTCCCGGTTTCGCCTTGCACAAATGGAGGAAGATCTGCCT
 GCACTGCAAGTGTCCCCAGGAGGAGCACATGGTAAACAGTATGATCCCGCTGGAGATGGAGAAGACCATCAGC
 AAGCTCATGTTTGACTTCCAGAGGAGTTCAACCTCAGATGACGACTCTGGCTGTGCTTTGGAAAGAGTACG
 CCTGGGTC**CCCCCAGGGCTGAAGCCTGAGCAGGTGCACCAGTATTATAGCTGCCTCCAGAAAGAGAAAGT**
 CCCCTATGTCAACAGTGTGGAGAGAAGTTGCGAATCAAGCAGCTACTGCACCAGCTGCC**CCCCATGAC**
 AATGAGGTTCCGTATTGCAACTCCCTGGACGAGGAAGAGAAGAGGGAAGTGAAGCTGTT**CAGCAACCAGA**
 GGAACCGT**GAGAACCTGGGCCGAGGCAATGT**CAGGCCTTCCCGCTCACCATGACAGGAGCTATTTGTGA
 ACAGTGGCGAGGGCAGATTAAGGGCGGCAGATCGCTGTGTTTGCATCACGTGCTGGCCATGGCATCTGC
 TGGCATCCACCCTGCTTTCGTATGCACCCTGTCAATGAGCTTCTGGTTGACCTCATCTACTTTTACCAAG
 ATGGGAAGATCTACTGTGGCAGGCACCATGCAGAGTGCCTGAAGCCACGCTGTGCAGCCTGTGATGAGAT
 CATCTTTGCAGACGAGTGCACAGAGGCTGAGGGACGACTGGCAGATGAGACATTTCTGCTGCTTTGAG
 TGTGAGACAGTGTGGGGGCCAGCGCTACATCATGAAGGAGGGAAGACCCTACTGCTGCCACTGCTTTG
 AGTCCCTGTATGCAGAATATTGTGATACCTGTGCCAACATATAGGAATTGACCAAGGTCAAATGACCTA
 CGACGGCAACTG**GCATGCTACAGAGACCTGTTTCTGCTGTGCTCATTGTAAGAAGTCTTCTTGGGA**
 CGGCCATTCCTCCAAAGCAAGGCCAGATATTCTGCTCACGGCCTGTAGTGTGGGAGGACCCCAATG
 GCTCTGATTCATGACTCCGCCTTCCAGAACCCAGAGCAAGGAGTCTCGCCGAGTGCCAAAATCGG
 CAAGAACAAGGGCAAGACAGAGGAAGCCATGCTGAACCAGCACAGCCAGCTGCAGGTGAGTTCTAACCGG
 CTCTCAGCTGATGTGGACCCCTGT**CAGTGCAGATGGATCTCCTCAGTCTGTCCAGCCAGACGCCAGCC**
 TCAACCGGACCCATTTGGAGGAGCCGGGAAGAGCCCTTTCATTATGGGAATAAGATGGAGCAGAACCA
 ATCCCAGAGTCTTTGCAGTCTCAGCCAGTGCACATCAGAACGTCTACAGTCCAGGAGGGCAGGGA
 GCAGGAGCCAGCCTGACATGTGGGCCAAGCACTCAGCAACCCTAAGAGAAGCTCATCAATGGCCCTGA
 AGGGGCATGGAGGCAGCTTATCCAGGAATGCCGTGAGGACTATTACCCGGGAGGCTGATGTCCAGGA
 GAGCTACAGTATATGTCCAGCCAAAGCTTAAATGAAACCCGAGGCAGCATCCAGTTCCCAAGTATGAG
 GAGGAAGAGGAGGAGGAAGAAGGTGGCATATCTACTCAGCAGTGC**CGGCCCGTCCACTCAGTCCC**
 TGAATACACAGAAGACATGACACCCACGGAACAGACTCCTCGTGCTCTATGGAATCACTGGCCCTGTC
 AAATGCAACAGGCCTGTCTGCTGAAGGTGGTGCAAGCGCCAGGAGCACCTATCACGGTTTTCCATGCCT
 GACCTCAGCAAAGACTCTGGAATGAATGTCTCGGAAAAGCTGAGCAACATGGGCACTCTCAACTCCTCAA
 TGCAGTTCAGGAGCGCAGAGTCTGTCCGACGCCTGCTGTCCGCACAACAGTACCAGGAGATGGAGGGAA
 CCTTACCAGCTCAGCAACCCCTAGGATACAGGGACCTGCAGTCCCATGGAAGGATGCACCAGAGCTTT
 GATTTTGTGGTGGCATAGCGAGCAGCAAGCTACCAGGACAGGAAGGTGTGCACATCCAGCCCATGAGTG
 AGCGCACCCGGAGGAGAACTACTTCCAGGGATGACAACCGCCGCTCCGCCCTCACCGTCCAGGAGGTC
 CCGACGTTCTCGCTCAGACAACGCCCTGCACCTAGCCAGCGAGCGAGAGGTCATCGCTCGGTTGAAGGAA
 AGGCCCCCTCTGAGAGCCAGGGAGGACTATGACCAGTTCATGCGCCAACGCAGTTCAGGAGAGCCTGG
 GGCAGGGTCCCGCGGGATCTGTACAGCCAGTGTCCAGGACTGTGTCGGACCTGGCTTTGCAGATGC
 CTTTGGGGAACGATGGGACCCTACTTACGGAGTATGATTGGTGTCCACCTGCTCCTCCTCTTCTGAG
 TCCGACAACGAGGGCTACTTCTAGGAGAACCCATCCCGCAGCCAGCCCGCTACGATATGTCACAAGTG
 ATGAGCTCCTGCACAAATACAGCTTTACGGTGTCCCAAATCCTCCACCTTAGGTGGCAGAGGACAGTT
 GCATAGCAGGAAAAGACAGAAGAGCAAAAAGTGTATCATTTCG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001081146

Insert Size:	2706 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_001081146.2</u> , <u>NP_001074615.1</u>
RefSeq Size:	7799 bp
RefSeq ORF:	2706 bp
Locus ID:	243548
Cytogenetics:	6 D1