

Product datasheet for **MC222088**

Prickle2 (NM_001134460) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prickle2 (NM_001134460) 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: >MC222088 representing NM_001134460
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTAACAGTGTGCCGCTGGAGATGGAGAAGACCATCAGCAAGCTCATGTTTGACTTCCAGAGGAGTT
 CAACCTCAGATGACGACTCTGGCTGTGCTTTGGAAGAGTACGCCTGGGTCCCCCAGGGCTGAAGCCTGA
 GCAGGTGCACCAGTATTATAGCTGCCTCCAGAAGAGAAAAGTCCCCTATGTCAACAGTGTGGAGAGAAG
 TTGCGAATCAAGCAGCTACTGCACCAGCTGCCGCCCATGACAATGAGGTTTCGGTATTGCAACTCCCTGG
 ACGAGGAAGAGAAGGGAACTGAAGCTGTTTCAGCAACCAGAGGAAACGTGAGAACCTGGGCCGAGGCAA
 TGTCCAGCCTTTCCCGTCACCATGACAGGAGCTATTTGTGAACAGTCCGGAGGGCAGATTAAGGGCGGC
 GACATCGTGTGTTGCATCACGTGCTGGCCATGGCATCTGCTGGCATCCACCCTGCTTCGTATGCACCG
 TCTGCAATGAGCTTCTGGTTGACCTCATCTACTTTACCAAGATGGGAAGATCTACTGTGCAGGCACCA
 TGCAGAGTGCCTGAAGCCAGCTGTGCAGCCTGTGATGAGATCATCTTTCAGACGAGTGCACAGAGGCT
 GAGGGACGACACTGGCACATGAGACATTTCTGCTGCTTTGAGTGTGAGACAGTGTGGGGGCCAGCGCT
 ACATCATGAAGGAGGGAAGACCCTACTGCTGCCACTGCTTTGAGTCCCTGTATGCAGAATATTGTGATAC
 CTGTGCCCAACATATAGGAATTGACCAAGGTCAAATGACCTACGACGGCCAACTGGCATGCTACAGAG
 ACCTGTTTCTGCTGTGCTCATTGTAAGAAGTCTTCTGCGGACGGCCATTCTCCCAAAGCAAGGCCAGA
 TATTCTGCTCACGGGCTGTAGTGTGGGGAGGACCCCAATGGCTCTGATTATCTGACTCCGCCTTCCA
 GAACGCCAGAGCAAGGAGTCTCGCCGAGTGCACAAAATCGGCAAGAACAAGGGCAAGACAGAGGAAGCC
 ATGCTGAACCAGCACAGCCAGCTGCAGGTGAGTCTAACCGGCTCTCAGCTGATGTGGACCCCTGTGAG
 TGCAGATGGATCTCCTCAGTCTGTCCAGCCAGCCAGCCTCAACCGGGACCCCATTTGGAGGACCCG
 GGAAGAGCCCTTTTATTATGGGAATAAGATGGAGCAGAACAATCCAGAGTCTTTGACGCTTCTCAGC
 CAGTGCAACATCAGAACGTCCTACAGTCCAGGAGGCGAGGAGCAGGAGCCAGCCTGACATGTGGGCCA
 AGCACTTCAGCAACCCTAAGAGAAGCTCATCAATGGCCCTGAAGGGGCATGGAGGAGCTTTATCCAGGA
 ATGCCGTGAGGACTATTACCCGGGGAGGCTGATGTCCCAGGAGAGCTACAGTGATATGTCCAGCCAAAGC
 TTTAATGAAACCCGAGGCAGCATCCAGTTCCTCAAGTATGAGGAGGAAGAGGAGGAGGAAGAAGGTGGCA
 TATCTACTCAGCAGTCCCGCCCGCTCGTCCACTCAGTTCCTGAAATACACAGAAGACATGACACCCAC
 GGAACAGACTCCTCGTGGCTCTATGGAATCACTGGCCCTGTCAAATGCAACAGGCCTGTCTGCTGAAGT
 GGTGCCAAGGCCAGGAGCACCTATCACGTTTTCCATGCCTGACCTCAGCAAAGACTCTGGAATGAATG
 TCTCGAAAAGCTGAGCAACATGGGCACTCTCAACTCCTCAATGCAGTTCAGGAGCGCAGAGTCTGTCCG
 CAGCCTGTCTCCGCACAACAGTACCAGGAGATGGAGGGGAACCTTCACCAGCTCAGCAACCCCTAGGA
 TACAGGGACCTGCAGTCCCATGGAAGGATGCACCAGAGCTTTGATTTTGTGGTGGCATAGCGAGCAGCA
 AGCTACCAGGACAGGAAGGTGTGCACATCCAGCCCATGAGTGAGCGCACCCGGAGGAGAACTACTTCCAG
 GGATGACAACCGCCGCTTCCGCCCTCACCGTCCAGGAGGTCCCGACGTTCTCGCTCAGACAACGCCCTG
 CACCTAGCCAGCGAGCGAGAGGTATCGCTCGGTTGAAAGGAAAGGCCCTCTGAGAGCCAGGGAGGACT
 ATGACCAGTTCATGCCCAACGCAGCTTCCAGGAGAGCCTGGGGCAGGGTCCCGCGGGATCTGTACAG
 CCAGTGTCCAGGACTGTGTCCGACCTGGCTTTGCAGAAATGCCTTTGGGGAACGATGGGGACCTACTTC
 ACGGAGTATGATTGGTGTCCACCTGCTCCTCTTCTGAGTCCGACAACGAGGGCTACTTCTAGGAG
 AACCCATCCCGCAGCCAGCCGCTACGATATGTCAAAAGTATGAGCTCCTGCACAAATACAGCTCTTA
 CGGTGTCCCAAATCCTCCACCTTAGGTGGCAGAGGACAGTTGCATAGCAGGAAAAGACAGAAGAGCAAA
 AACTGTATCATTTCG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001134460
Insert Size: 2538 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_001134460.2</u> , <u>NP_001127932.1</u>
RefSeq Size:	8200 bp
RefSeq ORF:	2538 bp
Locus ID:	243548
UniProt ID:	<u>Q80Y24</u>
Cytogenetics:	6 D1