

Product datasheet for **MC207068**

Ppp3r1 (BC002267) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppp3r1 (BC002267) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ppp3r1
Synonyms:	MCIP1, Cnb1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>NCBI ORF sequence for BC002267, the custom clone sequence may differ by one or more nucleotides

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GGCGACGGCTAGATTTGTTGTGCTGTGTACATCCCATGGGGTTGATGGGGTTTTGCCCTAGAGCATCGG
ATTGAAAATTAAGTTTTGCTGCTTTCTCCTTTGCTTTTTAGTTGATGCTGATGAAATTAAGGCTAG
GAAAGAGATTCAGAAGCTTGATTTGGACAATCTGGTTCTTTGAGCGTGAAGAGTTTCATGTCTCTGCC
TGAGTTACAGCAGAACCCTTTAGTACAGCGGTAATAGATATATTCGACACAGACGGCAACGGAGAAGTG
GACTTCAAAGAATTCATTGAAGGAGTGTCTCAGTTCAGTGTCAAAGGCGATAAGGAACAGAAGTTGAGGT
TTGCTTTTCGTATCTATGACATGGATAAAGATGGCTATATTTCCAATGGAGAACTCTCCAGGTGTTGAA
GATGATGGTGGCAACAATCTGAAAGATACACAATTACAGCAGATTGTAGACAAAACCATAATAAATGCA
GATAAGGATGGAGATGGAAGAATATCCTTTGAGGAATTCTGTGCTGTAAGTGAATAGGCTGATTCATCTA
TTAACTCTTACCCTCATGAAGGACAGTTTACTAGACAGTTTTATAAGCATATTTTGCTTTGAAATTTTG
TCTAATTGCCCCACATTCAGTTTTGGAATATGTTAGCTGGGCGTGGTAGTGCATGCCTTAAATCTCAGC
ACTCGGGAGGCAGAGGCAGGTGAATTTCTGTGTTGCGAGGACAGCTATACAGAGAAACCCTGTCTCAAAA
ACCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites:	Sgfl-Mlul
ACCN:	BC002267
Insert Size:	778 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).



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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>BC002267.1</u>
RefSeq Size:	802 bp
RefSeq ORF:	347 bp
Locus ID:	19058
Cytogenetics:	11 A2
Gene Summary:	Regulatory subunit of calcineurin, a calcium-dependent, calmodulin stimulated protein phosphatase. Confers calcium sensitivity.[UniProtKB/Swiss-Prot Function]