

Product datasheet for **MC209219**

PPP3R2 (NM_001004025) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ppp3r2 (NM_001004025) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ppp3r2
Synonyms: CaNB2; CnB2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209219 representing NM_001004025
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGAAATGAGGCCAGCTACCAAAGTGTGCAACCACTTCGACCAGGAAGAGATAAGAAGGCTGG
GTAAAAGCTTCAGGAAGCTGGACTTGGACAAATCGGGCTCCCTGAGCATAGAAGAGTTCATGAGGCTGCC
TGAGCTGCAGCAGAATCCGCTGGTGGGCCGAGTGATCGACATCTTCGACACAGACGGCAACGGGGAAGTG
GACTTCCACGAGTTCATCGTGGGCACCTCCAGTTCAGCGTCAAGGGTGAAGAGCAGAAGCTAAGGT
TCGCCTTCAGAATCTACGACATGGATAATGATGGCTTCATCTCCAATGGGGAGCTCTCCAGGTGCTTAA
GATGATGGTGGGAAACAACCTCAAGGACTGGCAGCTGCAGCAGCTGGTGGACAAGAGCATCTTGGTCCTG
GATAAGGATGGCGATGGCCGGATATCCTTTGAAGAGTTCAGTGATGTGGTCAAGACCATGGAGATCCACA
AGAAATTTGGTCTGTTTGTAGAACACGGTCAAGAAGACTTAAAAGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001004025
Insert Size: 540 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>NM_001004025.4</u> , <u>NP_001004025.1</u>
RefSeq Size:	2985 bp
RefSeq ORF:	540 bp
Locus ID:	19059
UniProt ID:	<u>Q63811</u>
Cytogenetics:	4 B1
Gene Summary:	Regulatory subunit of calcineurin, a calcium-dependent, calmodulin stimulated protein phosphatase. Confers calcium sensitivity.[UniProtKB/Swiss-Prot Function]