

Product datasheet for **RN207744**

Ppp2r2c (NM_057116) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppp2r2c (NM_057116) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ppp2r2c
Synonyms:	Pr52
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207744 representing NM_057116
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGCGAGGACACGGACACGGGAAAATTAACCACAGCTTCTGCGGGACCACAGCTATGTGACAGAAG
CTGACGTCATCTCCACTGTCGAGTTCAACCACACTGGGGAAGTCTGGCCACAGGTGACAAGGGTGGCCG
GGTGGTTATCTTCCAGCGGGAACAGAGAGTAAGAATGCACCTCACAGCCAGGGTGAAGTACGATGTGAC
AGCACCTTCCAGAGCCACGAGCCTGAGTTTGACTACCTGAAAAGCCTGGAGATAGAGGAGAAAATCAACA
AGATCAAATGGCTCCCGCAGCAGAACGCCGCCACTCGCTGCTGTCCACCAATGATAAACTATTAATTAAT
ATGGAAGATTACCGAGCGAGACAAGAGGCCCGAGGGCTACAACCTGAAGGATGAGGAGGGGAAGCTGAAA
GACCTGTCCACAGTGACGTCCTGCAGGTGCCTGTGCTGAAGCCCATGGACTTAATGGTGGAAAGTGAGCC
CGAGAAGGATCTTGGCAATGGCCACACCTACCACATCAACTCCATCTCCGTCAACAGCGACTGCGAGAC
GTACATGTCAGCGGACGCTGCGCATTAACTCTGGCATCTGGCCATCACTGATCGGAGCTTCAACATC
GTAGACATCAAGCCAGCCAACATGGAGGACCTCACGGAGGTGATCACAGCATCTGAGTTCCATCCGCACC
ACTGCAACCTCTTCGTCTACAGCAGCAGCAAGGGCTCCCTGCGGCTCTGTGACATGCGGGCAGCTGCCCT
GTGCGACAAGCACTCCAAGCTCTTTGAAGAGCCCGAGGACCCAGCAACCCTCTTCTTCTCAGAGATC
ATCTCCTCGGTGTCGACGTGAAGTTCAGCCACAGTGGGCGCTACATGCTCACGAGGGATTACCTCACTG
TCAAGTCTGGGACCTGAACATGGAGGCGAGGCCCATAGAGACCTACCAGGTCCATGACTACCTGCGGAG
TAAGCTCTGCTCCCTGTATGAGAGTGACTGCATCTTCGACAAGTTTGAGTGTGCCTGGAATGGGAGTGAC
AGTGTGTCATGACAGGGGCTACAACAACCTTCTCCGAATGTTGACCGCAACACCAAGCGGGATGTGA
CGCTGGAGGCCTCGAGGAGAGCAGCAAACCCAGAGCGGTGCTCAAGCCAAGGCGGCTGTGTGGGTGG
CAAGCGGCGGCGTGTGACATCAGTGTGGACAGCTTGGACTTCACCAAGAAGATCCTGCACACGGCCTGG
CAGCCAGCGGAGAACATCATTGCCATTGCAGCCACCAACACCTGTACATCTTCCAGGATAAGGTCAATT
CTGACATGCAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_057116

Insert Size: 1344 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:

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: [NM_057116.1](#), [NP_476457.1](#)
RefSeq Size: 1344 bp
RefSeq ORF: 1344 bp
Locus ID: 117256
UniProt ID: [P97888](#)
Cytogenetics: 14q21
Gene Summary: promotes neuronal differentiation; activates the mitogen activated protein (MAP) kinase cascade in neurons [RGD, Feb 2006]