

Product datasheet for **RN207229**

Ppp3r1 (NM_017309) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ppp3r1 (NM_017309) Rat Untagged Clone
Tag: Tag Free
Symbol: Ppp3r1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207229 representing NM_017309
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGAAATGAGCGAGTTACCCCTTGGAAATGTGCTCACACTTCGATGCTGATGAGATTAAGGCTAG
GAAAGAGATTCAAGAAGCTTGACTTGGACAACTCTGGTCTTTGAGCGTGGAGGAGTTCATGTCTCTGCC
TGAGTTACAACAGAACCCTTTAGTACAGCGGGTCATAGATATATTCGACACAGACGGGAATGGAGAAGTG
GACTTCAAAGAATTCATTGAAGGAGTCTCTCAGTTCAGTGTCAAAGGCGATAAGGAACAGAAGTTGAGGT
TCGCTTCCGTATCTACGACATGGATAAAGACGGCTATATTTCCAATGGAGAGCTCTCCAGGTGTTGAA
GATGATGGTGGGCAACAACCTGAAAGATACGCAGTTACAGCAGATTGTAGACAAAACCATAATAAACGCA
GATAAGGACGGGACGGGAGAATATCCTTTGAGGAGTTCTGTGCTGTTGTAGGTGGCCTAGATATCCACA
AAAAGATGGTGGTGGATGT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_017309
Insert Size: 513 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_017309.2](#), [NP_059005.1](#)

RefSeq Size: 2803 bp

RefSeq ORF: 513 bp

Locus ID: 29748

UniProt ID: [P63100](#)

Cytogenetics: 14q22

Gene Summary: regulatory subunit of the enzyme that catalyzes the calcium-dependent removal of serine- and threonine-bound phosphate groups [RGD, Feb 2006]