

Product datasheet for RN207630

PPP4R2 (NM_001106613) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | PPP4R2 (NM_001106613) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | PPP4R2 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >RN207630 representing NM_001106613 Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACGTCGAGAGGCTGCAGGAGGCGCTGATAGATTTTGAGAAGAGAGGGAAAAAGGAAGTTTGCCTG
TACTGGATCAGTTTCTGTGCATGTAGCCAAAAGTGGAGAAACAATGATTCAGTGGTCCCAATTTAAAGG
CTATTTTCATTTCAAAGTGGAGAAAGTATGATGGATGATTTTGAAGTTCAGCTCCTGAACCAAGAGGTCT
CCCAATCCCTAATGTTGAATATATCCCTTTGATGAAATGAAGGAAAGAATACTGAAAAATTGCTACTGGAT
TTAATGGTATCCCTTTACTATTAACGACTATGTGAATTGCTAACAGATCCAAGAAGAAATTATACAGG
AACTGACAAATTTCTCAGAGGAGTAGAAAAAGAAATGTCATGGTGTGTAGCTGCGTTTGTCTTCTCAGAG
AAGAACAATTCTAATAGTTTAAACAGAATGAATGGTGTATGTTTCTGAAACTCCCAAACTATACTG
ACAGGTCTAATAAAATGGGCTGGAACACCCAGGCCACTTAATCGACCAAAGCTTTCTTTGTCAGCCCC
CTTAACAACAAATGGTTTGCCTGAGAGCACAGATAGCAGAGATTCAGACCTACAGCTAAGTGAAGAGAAA
GGACACAGTGATTTCTCAGCATCTGATTCAGAAGTTTCTCTCCAAGCTCTGGTAAAAACAACATCCAG
ATGAAGATACTGTGGAATCTGAGGAACGTGAGGTGAAAAGACTGAAGTTTGACGATGAAGGTGATGCCG
AGAGACAGCTAGCAAGCGGTGTCCAGTGAAGTCTCTTCAGTTAGAGCAGAGGAAACGGAACAGCATCA
TCCCCCCTGAGAAGGACAGAGAAAATCGAACCCAGGCAGCACTGTACAGAAGAGGAGGAAGAGGAGGAGG
AAGAGGAGGAAGAAGAGTCATTTATGACACCAAGAGAAAATGGTTCCAGAAAGAAAAAATCAAGAAAAGGA
ATCTGATGATGCCTTAAGTGTGAACGAAGAGACTTCAGAGGAGAGCCATCAGACGGAGGGCTCTGGTGCG
TCTCCATCTCAGACAGACTCCGTTTCAAGAGGAGTACAGTGCAGGGGCTCCAGGGGTGGCTCTGACT
GCCGGGAGACACAGGAGTCAGGAGGGCCCCCTGCCAGGAAAAGTGGAGAGTGTGTGTGTCAGGGTCAGCCAT
GGAGAATGATGAAGCCACAGAAGTCACAGATGAACCAAGTGAACAAGAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAAGTCACTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3090_a05.zip



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| Restriction Sites: | Sgfl-Mlul |
| ACCN: | NM_001106613 |
| Insert Size: | 1242 bp |
| OTI Disclaimer: | <p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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).</p> |
| 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_001106613.2</u> , <u>NP_001100083.2</u> |
| RefSeq Size: | 4848 bp |
| RefSeq ORF: | 1242 bp |
| Locus ID: | 297486 |
| Cytogenetics: | 4q34 |