

## Product datasheet for **RC201497A1V**

### Human PPP2R3C (NM\_017917) AAV Particle

#### Product data:

|                           |                                        |
|---------------------------|----------------------------------------|
| Product Type:             | AAV Particles                          |
| Product Name:             | Human PPP2R3C (NM_017917) AAV Particle |
| Tag:                      | Myc-DDK                                |
| Symbol:                   | PPP2R3C                                |
| Synonyms:                 | C14orf10; G4-1; G5pr; GDRM; SPGF36     |
| Mammalian Cell Selection: | None                                   |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)             |



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**ORF Nucleotide  
Sequence:**

&gt;RC201497 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGC**C

 ATGGACTGGAAGAAGTTCTTCGTCGGCGCCTAGCGACGCCAACACCTGTCCAACAAAAAAGTG  
AACAAGATTAAAGATGAAGAAATGGATTTATTACAAAATATTACTCCGAATGGAAAGGAGGTAGAAA  
AAACACAAATGAATTCTATAAGACCATTCCTCGGTTTTATTATAGGCTGCCTGCTGAAGATGAAGCTTA  
CTACAGAAATTAAGAGAGGAATCAAGAGCTGTCTTTCTACAAAGAAAAAGCAGAGAACTGTTAGATAATG  
AAGAATTACAGAACTTATGGTTTTGCTGGACAAACACCAGACACCACCTATGATTGGAGAGGAAGCGAT  
GATCAATTACGAAAACTTTTGAAGTTGGTGAAGGCTGGAGCAAAGTGAAGCAATTTTTCACAGCA  
AAAGTCTTTGCTAACTCCTTCATACAGATTTCATGGAAGAATTTCCATCATGCAGTTCTTTAATTATG  
TCATGAGAAAAGTTGGCTTCATCAACAAGAATAGGACTCAGTTTATATGATGTCGCTGGCAGGGGTA  
CCTTCGGGAATCTGATTTAGAAAACATATTTGGAAGTTATCCCTACGTTGCCACAATTAGATGGTCTG  
GAAAAATCTTTCTACTCTTTTATGTTGTACAGCAGTTAGGAAGTTCTTCTCTTTTATAGATCCTTTAA  
GAACAGGAAAGATAAAAAATCAAGATATTTAGCATGCAGCTTCTAGATGATTTATTGGAGCTAAGGGA  
TGAGGAACTGTCCAAGGAGAGTCAAGAAACAAATTGGTTTTCTGCTCCTTCTGCCCTAAGAGTTTATGGC  
CAGTACTTGAATCTTGATAAAGATCACAAATGGCATGCTCAGTAAAGAAGAACTCTCACGCTATGGAACAG  
CTACCATGACCAATGTCTTCTAGACCGTGTTCCTCAGGAGTGTCTCACTTATGATGGAGAAATGGACTA  
TAAGACCTACTTGACTTTGCTTGCATTAGAAAACAGAAAGGAACCTGCAGCTCTACAATATATTTTC  
AACTGCTTGATATTGAGAACAAAGGATACCTGAATGTCTTTCACTTAATTATTTCTTTAGGGCCATAC  
AGGAACTAATGAAAATCCATGGACAAGATCCTGTTTCATTTCAGATGTCAAGGATGAAATCTTTGACAT  
GGTAAACCAAGGATCCTTTGAAAATCTCTCTTCAGGATTTAATCAACAGTAATCAAGGAGACACAGTA  
ACCACCATCTAATCGATTTGAATGGCTTCTGGACTTACGAGAACAGAGAGGCTCTTGTGCAAATGACA  
GTGAAAACCTGCAGACCTTGATGATACA

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

&gt;RC201497 protein sequence

Red=Cloning site Green=Tags(s)

 MDWKEVLRRRLATPNTCPNKKKSEQLKDEMDLFTKYYSEWKGGRKNTNEFYKTIIPRFYYRLPAEDEV  
LQKLREESRAVFLQRKSRELLDNEELQNLWFLLDKHQTPPMIGEEAMINYENFLKVGEKAGACKQFFTA  
KVFAKLLHTDSYGRISIMQFFNYVMRKVWLHQTRIGLSLYDVAGQGYLRESLENYILEIPTLPQLDGL  
EKSFYSFYVCTAVRKFFFLDPLRTGKIKIQDILACSFLLDLLELRDEELSKESQETNWFSAAPSALRVYG  
QYLNLDKDHNGMLSKEELSRYGATMTNVFLDRVFQECLTYDGEMDYKTYLDFVLALENRKEPAALQYIF  
KLLDIENKGYLNVFSLNYFFRAIQELMKIHGQDPVSFQDVKDEIFDMVKPKDPLKISLQDLINSNQGDTV  
TTILIDLNGFWTYENREALVANDSENSADLDDT

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_017917

**ORF Size:**

1359 bp

**Buffer:**

PBS with 0.001% Pluronic F68

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stability:    | AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus. |
| RefSeq:       | <u>NM_017917.2, NP_060387.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| RefSeq Size:  | 1843 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:   | 1362 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Locus ID:     | 55012                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| UniProt ID:   | <u>Q969Q6</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | 14q13.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MW:           | 53.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |