

Product datasheet for **MR208409A1V**

Mouse Ppp1r16a (NM_033371) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Ppp1r16a
Synonyms:	2900084E10Rik; Mypt3; R75527
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR208409 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCGAGCACCTGGAGCTGCTGGCAGAGATGCCATGGTAGGCAGGATGAGTACCCAGGAGCGCCTGA
 AGCATGCCCAGAAGCGACGTGCCCAGCAGGTAAAGATGTGGGCCCAGGCTGAGAAGGAGGCTCACAGCAA
 GAAGGGCCATGGGAGCGACCATGGAAGGAGGTGGCTGGCCTCAGGCCTCGGAAGCATGTCCTCTTCCCT
 CCCAGCGTTGCCCTTCTGGAGGCTGCTGCCGAAACGACTTGGAGGAAGTCCGCCAGTTCTTACCATGTG
 GGGTTAGCCCCAACCTGGCCAATGAAGATGGCTTGACTGCACTGCACCATGCTGCATTGACGACTTCCA
 AGAGATGGCACAGCAGCTCCTGGACGCTGGGGCTGATGTCAATGCTCGAGACAGTGAGTGTGGACACCT
 CTGCATGCTGCAGCTACCTGTGGCCATCTGCATCTGGTGGAACTCCTTATTTACGTGGTGCAGATCTCC
 TTGCAGTCAATCCGATGGGAATATGCCCTACGACCTGTGTGAGGACGCACAGACGCTGGATTGCCTTGA
 GACTGCCATGGCCAACCAAGGTATCACCCAGGAGGGCATTGAGGAGGCCCGGCAGTGCCAGAGCTGTGC
 ATGCTGAATGACCTCCAGAACCGCCTGCAAGCTGGGGCCAACCTCAGTGACCCCTTGGATCATGGGGCTA
 CTCTGCTGCACATCGCCGCTGCTAATGGGTTCACTGAGGTGGCTACCTGCTGCTGGAGCAAGGCCCGAG
 CCTGAGCGCTAAGGACCATGATGGCTGGGAGCCTCTGCATGCTGCGGCTTACTGGGGCCAGGTACACCTG
 GTAGAATTGCTTGTGGCAGATGGGCTGATCTGAATGGAAAATCTCTGGTGGACGAGACACCCCTCGATG
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 CCAGGGCCGCCAGCGCTCCCTGCTGCGCCGCCGTACCTCTAGTGCAGGCAGCCGTGGGAAGGTGGTGA
 CGAGTGAGCCTGACACATCGCACCAACCTGTACCGCAAGGAGCATGCCAAGAGGCCATTGTGTGCAGC
 AGCCGCCACCCACAGTCCAGAACCTCTAGAGGATGAGGACAGGCAGACAGACGCTGAGCTCCGGCTGCA
 GCGCCCGGAGGACGATGGTCTGAGGTGGCCAGACCACACAATGGCCAAGTAGGGGCCCCCGGGGAGA
 CACCTGTACTCCAAGCGTCTAGATCGGAGTGTCTCTATCATCTGAGTCTGAGGAGAACAGTGCCCTG
 ATGCCCTCGTCCGGGACAAGGCCACACACACTGGCAGAAGTAAACGCCAGCGAGCGGCTGCAAAGCT
 TCAGCGACCTGCCCTGAAGGCCCTGAGACTTTTGGCCTGGCCTGTCTGTTGATGCTGGGACCTCCAG
 CCTGACTGTGGCTTCAGCACAAATGGGGACCCGCCCTGCTCAAGCTCACTGCTCCCTCGGAGGAGCGCT
 CTGTGGAGAAGAGCCGTGTTGCTTGTCTATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR208409 protein sequence
 Red=Cloning site Green=Tags(s)

MAEHELLEAEMPMVGRMSTQERLKHAQKRAQQVKMWAQAEKEAHSKKGHGERPWKEVAGLRPRKHVLF
 PSVALLEAAARNDLLEEVRFSLTSGVSPNLANEDGLTALHQCCIDDFQEMAQQLLDAGADVNRDSECWTP
 LHAAATCGHLHLVELLISRADLLAVNSDGNMPYDLCEAQTLDCLLETAMANQGITQEGIEEARAYPELC
 MLNDLQNLQAGANLSDPLDHGATLLHIAANGFSEVATLLLEQGASLSAKDHDGWEPLHAAAYWQVHL
 VELLVAHGADLNGKSLVDETPLDVCDEEVRAKLELKHQDALLRAQGRQSRLLRRRTSSAGSRGKVVR
 RVSLTHRTNLYRKEHAQEAIVWQPPPTSPEPLEDEDRTDAELRLQPPEDDGPEVARPHNGVQVAPPGR
 HLYSKRLDRSVSYHLSPENSAPDALVRDKAHTLAELKRQRAAAKLQRPAPGEPETFEPLSVDAGTSQ
 PDCGFSTIGDPPLLKL TAPSEEAASVEKRPCCLLM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Mouse
Serotype: AAV-2
ACCN: NM_033371
ORF Size: 1572 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_033371.2</u>
RefSeq Size:	2675 bp
RefSeq ORF:	1575 bp
Locus ID:	73062
UniProt ID:	<u>Q923M0</u>
Cytogenetics:	15 36.25 cM
MW:	57.5 kDa