

Product datasheet for **MR223171A1V**

Mouse Ppp4r3a (NM_001160214) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Ppp4r3a (NM_001160214) AAV Particle
Tag:	Myc-DDK
Symbol:	Ppp4r3a
Synonyms:	1110034C04Rik; BC064465; mKIAA2010; Smek1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR223171 representing NM_001160214
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCGACACCCGACGGCGGGTGAAGGTCTACACGCTCAACGAGGACCGGCAGTGGGACGACCGGGGTA
 CTGGCCATGTGTCTCCGGCTACGTGGAGAGGCTGAAGGGCATGTCCCTGCTCGTCAGGGCGGAGAGCGA
 CGGTTCTCTTCTCTAGAGTCCAAAATAAATCCTAACACTGCATACCAGAAACAACAGGATACTCTGATT
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 GGGAGAAAATATGTCAGGTTCAAGGAAAGGACCCTTCAGTGGACATCACTCAGGACCTGGTAGATGAATC
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 GAGGAAATGCAGAGCTTGTGGCATCATCTTACCTTCCCCCTCCGACGTGAGAACTCGCACTAGCAC
 TGGAAAATGAGGGTTATATTAAGGCTTTTAGAGCTTTTTCATGTGTGTGAGGATTTGAAAACATTGA
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 AAAATCATTGGATTAAGAGATGAATTTATAACCGCTACATAATGAAAAGTTTTTTATTTGAACCTGTAG
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 CGAAGAAGAGATGTGTTCAACACAGATGAAGATGACATGGAAGATGGAGAAGCTGTGGTGTCTCCATCT
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 TCACCTGGCTCCCCGGGCTCTCCGGGCTCTCTGGATCCGTCCCTAAGAGTACATCTCAGACGGCAGCTA
 TTACCACAAAGGAGGACTCGTGGGTCTGGTAGATTATCCTGATGATGATGAAGATGATGATGAGGATGA
 AGACAAGGAAGACACACTACCAGTGTCAAGAAAGCAAAATTTGAGTCC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR223171 representing NM_001160214 Red=Cloning site Green=Tags(s) MTDTRRRVKVYTLNEDRQWDDRGTGHVSSGYVERLKGMSLLVRAESDGSLLLESKINPNTAYQKQDQLI VWSEAEYDLALSFQEKAGCDEIWEKICQVQKDPSPVDITQDLVDESEERFDDMSSPGLPSCSLRL EEIAELVASSLPSPLRREKLALALENGYIKLLELFHVCEDLENIEGLHHLYEIIKIGIFLLNRTALFEV MFSEECIMDVIGCLEYDPTLSQPRKHREFLTKTAKFKEVIPISDPELKQKIHQTYRVQYIQDMVLPTPSV FEENMLSTLHSFIFFNKVEIVGMLQEDEKFLTDLFAQLTDEATDEEKQELVNFLKEFCAFSQTLQPQNR DAFFKTLNMGILPALEVILGMDDTQVRSAAATDIFSYLEYNPSMVREFVMQEAQQNDDVSKKLTEQKIT SKDILLINLIIEHMICDTPDELGGAVQLMGLLRTLVDPENMLATANKTEKTEFLGFFYKHCMHVLTAPLL ANTTEDKPSKDDFQTAQLLALVLELLTFCVEHHTYHIKNIINKDILRRVLVLMASKHAFLALCALRFKR KIIGLKDEFYNRYIMKSFLFEPVVKAFNLNNGSRYNLMNSAIEMFEFIRVEDIKSLTAHVIENYKALED VDYVQTFKGLKLRFEQQRERQDNPKLDSMRSILRNHRYRRDARTLEDEEEMWFNTDEDDMEDGEAVVSPS DKTKNDDIMDPISKFMERKKLKESEEKVLKTNLSGRQSPSFKLSLSSGKTNLTSQSSATSLPGSPG SPGSPGSPGSPGSPKSTSQTAAITTKGGLVGLVDYPDDDEDDDEDEKEDTLPVSKKAKFES TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001160214
ORF Size:	2499 bp
Buffer:	PBS with 0.001% Pluronic F3530
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_001160214.1, NP_001153686.1</u>
RefSeq Size:	4594 bp
RefSeq ORF:	2502 bp
Locus ID:	68734
UniProt ID:	<u>Q6P2K6</u>
Cytogenetics:	12 E
MW:	95.8 kDa