

Product datasheet for **RC205131A1V**

Human PPP2R2B (NM_181675) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PPP2R2B (NM_181675) AAV Particle
Tag:	Myc-DDK
Symbol:	PPP2R2B
Synonyms:	B55BETA; PP2AB55BETA; PP2ABBETA; PP2APR55B; PP2APR55BETA; PR2AB55BETA; PR2ABBETA; PR2APR55BETA; PR52B; PR55-BETA; PR55BETA; SCA12
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC205131 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGAGGAGGACATTGATACCCGCAAAATCAACAACAGTTTCCTGCGCGACCACAGCTATGCGACCGAAG
 CTGACATTATCTCTACGGTAGAATTCAACCACACGGGAGAATTACTAGCGACAGGGGACAAGGGGGTCTG
 GGTTGTAATATTTCAACGAGAGCAGGAGAGTAAAAATCAGGTTTCATCGTAGGGGTGAATACAATGTTTAC
 AGCACATTCCAGAGCCATGAACCCGAGTTTCATTACCTGAAGAGTTTAGAAATAGAAGAAAAATCAATA
 AAATAAGATGGCTCCCCAGCAGAATGCAGCTTACTTTCTTGTCTACTAATGATAAACTGTGAAGCT
 GTGGAAAGTCAGCGAGCGTGATAAGAGGCCAGAAGGCTACAATCTGAAAGATGAGGAGGGCCGGCTCCGG
 GATCCTGCCACCATACAACCTGCGGGTGCCTGTCCTGAGACCCATGGACCTGATGGTGGAGGCCACCC
 CACGAAGAGTATTTGCCAACGCACACATATCACATCAACTCCATATCTGTCAACAGCGACTATGAAAC
 CTACATGTCCGCTGATGACCTGAGGATTAACCTATGGAACCTTTGAAATAACCAATCAAAGTTTTAATATT
 GTGGACATTAAGCCAGCCAACATGGAGGAGCTACGGAGGTGATCACAGCAGCCGAGTTCCACCCCCATC
 ATTGCAACACCTTCGTGTACAGCAGCAGCAAAGGGACAATCCGGCTGTGTGACATGCGGGCATCTGCCCT
 GTGTGACAGGCACACCAATTTTTGAAGAGCCGGAAGATCCAAGCAACAGATCATTTTTCTCTGAAATT
 ATCTCTTCGATTCGGATGTGAAGTTCAGCCACAGTGGGAGGTATATCATGACCAGGGACTACTTGACCG
 TCAAAGCTGGGATCTCAACATGGAAAACCGCCCCATCGAGACTTACCAGGTTTCATGACTACCTCCGCAG
 CAAGCTGTGTTCCCTCTATGAAAATGACTGCATTTTGTATAAATTTGAGTGTGTGTGGAATGGGTGAGC
 AGTGTCTCATGACAGGCTCTACAACAACCTCTCAGGATGTTGACAGAAACACCAAGCGTGATGTGA
 CCCTTGAGGCTTCGAGGAAAAACAGCAAGCCCCGGGCTATCCTCAAACCCGAAAAGTGTGTGTGGGGG
 CAAGCGGAGAAAAGACGAGATCAGTGTGACAGTCTGGACTTTAGCAAAAAGATCTTGATACAGCTTGG
 CATCTTCAGAAAATATTATAGCAGTGGCGGCTACAAATAACCTATATATATTCCAGGACAAGGTTAAC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205131 protein sequence
 Red=Cloning site Green=Tags(s)

MEEDIDTRKINNSFLRDHSYATEADIISTVEFNHTGELLATGDKGGRVVFQREQESKNQVHRRGEYNVY
 STFQSHPEFDYLSLEIEEKINKIRWLPQQNAAFYLLSTNDKTVKLWKVSRDKRPEGYNLKDEEGRRLR
 DPATITTLRVPVLRPMDLMVEATPRRVFANAHTYHINSISVNSDYETYSADDLRINLWNFEITNQSFNI
 VDIKPANMEELTEVITAAEFHPPHCNTFVYSSSKGTIRLCMDRASALCDRHTKFFEEPEDPSNRSFFSEI
 ISSISDVKFSHSGRYIMTRDYLTVKVWDLNMENRPIETYQVHDYLRSLKCSLYENDCIFDKFECVWNGSD
 SVIMTGSYNNFFRMFDRNTRDVTLEASRENSKPRAILKPRKVCVGGKRRKDEISVDSLDFSKKILHTAW
 HPSENIIVAATNNLYIFQDKVN

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_181675

ORF Size:

1329 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_181675.1</u>
RefSeq Size:	2098 bp
RefSeq ORF:	1332 bp
Locus ID:	5521
UniProt ID:	<u>Q00005</u>
Cytogenetics:	5q32
MW:	51.7 kDa