

Product datasheet for **RC218476A1V**

Human PPP1R16B (NM_015568) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PPP1R16B (NM_015568) AAV Particle
Tag:	Myc-DDK
Symbol:	PPP1R16B
Synonyms:	ANKRD4; TIMAP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC218476 representing NM_015568.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGGCCAGTCACGTGGACCTGCTGACGGAGCTGCAGCTGCTGGAGAAGGTGCCACGCTGGAGCGGCTG
CGGGCTGCCAGAAGCGCCGGGCCAGCAGCTGAAGAAATGGGCACAGTACGAGCAGGACTTGCAGCAC
CGCAAGCGAAAGCATGAGCGGAAGCGCAGCACGGGCGGCCGCGCAAGAAAGTGTCTTCGAGGCCAGC
GTGGCCCTGCTGGAGGCCTCGCTGAGGAACGACGCCGAGGAAGTACGCTACTTCTGAAGAATAAGGTC
AGCCCTGATTTGTGAATGAGGACGGAATCACAGCCCTACACCACTGCTGCATCGACAATTTGAGGAA
ATTGTGAAGCTGCTCTCTCCATGGTGCCAATGTGAACGCCAAGGACAACGAGCTGTGGACACCTCTC
CATGCTGCAGCCACCTGCGGCCACATCAACCTGGTGAAGATCCTCGTTCAGTATGGGGCCGACTTGCTT
GCTGTCAACTCGGATGGGAACATGCCATATGACCTCTGCGAGGATGAACCCACCTGGATGTCATCGAG
ACCTGCATGGCATACAGGGCATCACCAAGAGAAAATCAACGAGATGCGGGTGGCTCCTGAGCAGCAG
ATGATTGCGGACATCCACTGCATGATCGCAGCGGGCCAGGACCTGGACTGGATAGATGCCAGGGTGCC
ACACTGCTGCACATAGCTGGAGCCAATGGATACCTGCGGGCAGCTGAGCTCCTCTGGACCATGGAGTG
CGTGTGGATGTGAAGGACTGGGATGGCTGGGAGCCCTGCATGCAGCTGCCTTCTGGGGACAGATGCAG
ATGGCAGAGCTATTGGTGTCCCATGGAGCTAGTCTCAGTGCAAGGACATCCATGGATGAGATGCCAATA
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GTGCGCGGAGCCAGCCTGTCGGACAGGACCAACCTGTATAGGAAGGAGTATGAGGGAGAGGCCATCCTG
TGGCAGCGGAGTGACGCTGAGGATCAGCGGACCTCCACCTACAACGGGGACATCAGGGAGACCAGGACA
GACCAAGAGAATAAGGACCCTAACCCAGGCTGGAGAAGCCCGTCTACTCTCCGAATTTCTACCAAG
ATCCCACGAGGTGAAGTGGACATGCCTGTTGAGAAATGGCCTCCGGGCTCCGGTCACTGCCTACCAAT
GCGCTGGCCAACGGGATGTCTGGAAGGTGCATGAGGTGCCTGACTACAGCATGGCCTATGGCAACCCT
GGCGTGGCCGACGCCACCCCGCCTGGAGCAGCTACAAGGAACAGAGCCCTCAGACGCTTCTGGAGCTG
AAGCGGCAGCGGCTGCAGCCAAGCTGCTCAGCCACCCCTTCTTAGCACACCTGGGCAGCAGCATG
GCCAGGACGGGCGAGAGTAGCAGTGAAGGAAGGCCCTTGTATCGGAGGCAGAACTTACCCTACAGC
AGCAATGGGACCTCGGTATATTACAGGTACCAGCGGAGATCCCCACTCTTAAAGTTCAAGGCCCCC
ATAGAGGAGATGGAGGAGAAGGTGCATGGCTGTTGCCGTATCTCC
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
  
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Protein Sequence:

>Peptide sequence encoded by RC218476
 Blue=ORF Red=Cloning site Green=Tag(s)

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MASHVDLLTELQLEKVPTLERLRAAQKRRRAQQLKKWAQYEQDLQHRKRKHERKRSTGRRKKVSFEAS
VALLEASLRNDAAEVRYFLKNKVSPDLCNEDGLTALHQCCIDNFEEIVKLLL SHGANVNAKDNEIWTPL
HAAATCGHINLVKILVQYGADLLAVNSDGNMPYDLCEDEPTLDVIETCMAYQGITEKINEMRVAPEQQ
MIADIHMCIAAGQDLWDIDAQGATLLHIAGANGYLRAAELLLDHGVRVDVKDWDGWEPLHAAAFWGMQ
MAELLVSHGASLSARTSMDEMPIDLCEEEEFKVLLELKHKHDVIMKSQLRHKSSL SRRTSSAGSRGKV
VRRASLSDRTNLYRKEYEGEAILWQSAEDQRTSTYNGDIRETRTDQENKDPNRPLEKPVLLSEFPTK
IPRGELDMPVENGLRAPVSAYQYALANGDVWKVHEVPDYSMAYGNPGVADATPPWSSYKEQSPQTLLEL
KRQRAAAKLLSHPFLSTHLGSSMARTGESSESEKAPLIGGRTSPYSSNGTSVYYTVTSGDPPLLKFKAP
IEEMEKEVHGCCRIS
TRTRPLEQKLISEEDLAANDILDYKDDDDKV
  
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Recombinant protein using RC218476 also available, [TP318476](#)

Species:

Human

Serotype:

AAV-2

ACCN:

NM_015568

ORF Size:	1701 bp
Buffer:	PBS with 0.001% Pluronic F7854
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_015568.2</u>
RefSeq Size:	6251 bp
RefSeq ORF:	1704 bp
Locus ID:	26051
UniProt ID:	<u>Q96T49</u>
Cytogenetics:	20q11.23
MW:	63.6 kDa