

Product datasheet for **RC207631A1V**

Human Peptidase inhibitor 16 (PI16) (NM_153370) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Peptidase inhibitor 16 (PI16) (NM_153370) AAV Particle
Tag:	Myc-DDK
Symbol:	Peptidase inhibitor 16
Synonyms:	CD364; CRISP9; MSMBBP; PSPBP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207631 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCACGGCTCCTGCAGTTTCCTGATGCTTCTGCTGCCGCTACTGCTACTGCTGGTGCCACCACAGGCC
 CCGTTGGAGCCCTCACAGATGAGGAGAAACGTTTGGTGGAGCTGCACAACCTCTACCGGCCAGGT
 ATCCCCGCCGGCCTCAGACATGCTGCACATGAGATGGGACGAGGAGCTGGCCGCCTTCGCCAAGGCCTAC
 GCACGGCAGTGCCTGTGGGGCCACAACAAGGAGCGGGCGCCGCGGCGAGAATCTGTTCCGCATCACAG
 ACGAGGGCATGGACGTGCCGCTGGCCATGGAGGAGTGGCACCACGAGCGTGAGCACTACAACCTCAGCGC
 CGCCACCTGCAGCCAGCCAGATGTGCGGCCACTACACGAGGTGGTATGGGCCAAGACAGAGAGGATC
 GGCTGTGGTCCCACTTCTGTGAGAAGCTCCAGGGTGTGAGGAGACCAACATCGAATTACTGGTGTGCA
 ACTATGAGCCTCCGGGAACGTGAAGGGGAAACGGCCCTACCAGGAGGGGACTCCGTGCTCCCAATGTCC
 CTCTGGCTACCACTGCAAGAATCCCTCTGTGAACCCATCGGAAGCCCGAAGATGCTCAGGATTTGCC
 TACCTGGTAACTGAGGCCCATCCTTCCGGGCGACTGAAGCATCAGACTTAGGAAAATGGGTACTCCTT
 CTTCCCTAGCAACGGGGATTCCGGCTTTCTTGGTAACAGAGGTCTCAGGCTCCCTGGCAACCAAGGCTCT
 GCCTGTGTGGAAACCCAGGCCCAACTTCTTAGCAACGAAAGACCCGCCCTCCATGGCAACAGAGGCT
 CCACCTTGCGTAACTGAGGTCCCTTCCATTTGGCAGCTCACAGCCTGCCCTCCTGGATGAGGAGC
 CAGTTACCTTCCCAATCGACCATGTTCTATCCCAAAATCAGCAGACAAAGTGACAGACAAAACAAA
 AGTGCCCTTAGGAGCCAGAGAACTCTCTGGACCCAAAGATGTCCCTGACAGGGGCAAGGGAGCTCCTA
 CCCCATGCCAGGAGGAGGCTGAGGCTGAGGCTGAGTTGCCTCCTTCCAGTGAGGTCTTGGCCTCAGTTT
 TTCCAGCCAGGACAAGCCAGGTGAGCTGCAGGCCACACTGGACCACACGGGGCACACCTCCTCCAAGTC
 CCTCCCAATTTCCCAATACCTCTGCCACCGCTAATGCCACGGGTGGGCGTGCCTGGCTCTGCAGTCG
 TCCTTGCAGGTGCAGAGGGCCCTGACAAGCCTAGCGTCGTGTGAGGGTGAACCTCGGGCCCTGGTCATG
 TGTGGGCCCTCTCTGGGACTACTGCTCCTGCCTCCTGGTGTGGCTGGAATCTTC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207631 protein sequence
 Red=Cloning site Green=Tags(s)

MHGSCSFLMLLLPLLLLVAATTGPVGLTDEEKRLMVELHNLRYAQVSPASDMLHMRWDEELAAFAKAY
 ARQCVWGHNKERRGENLFAITDEGMDVPLAMEEWHHEREHYNL SAATCSPGQMCGHYTVVWAKTERI
 GCGSHFCEKLQVEETNIELLVCNYEPPGNVKGKRPYQEGTPCSQCPSTGYHCKNSLCEPIGSPEDAQDLP
 YLVTEAPSFRAEASDRKMGTPSSLATGIPAFVTEVSGSLATKALPAVETQAPTSLATKDPSPMATEA
 PPCVTTEVPSILAAHSLPSLDEEPVTFPKSTHVPIPKSADKVTDKTKVPSRSPENSLDPKMSLTGARELL
 PHAQEEAEAEELPPSSEVLASVFPAQDKPGLQATLDHTGHTSSKSLPNFPNTSATANATGGRALALQS
 SLPGAEGPDKPSVVSGLNSGPHWGPILLGLLLPPLVLGIF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_153370

ORF Size:

1389 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_153370.2, NP_699201.2</u>
RefSeq Size:	2205 bp
RefSeq ORF:	1392 bp
Locus ID:	221476
UniProt ID:	<u>Q6UXB8</u>
Cytogenetics:	6p21.2
MW:	49.5 kDa