

Product datasheet for **RC226641A1V**

Human **PATL2 (NM_001145112)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PATL2 (NM_001145112) AAV Particle
Tag:	Myc-DDK
Symbol:	PATL2
Synonyms:	hPat1a; OOMD4; Pat1a
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC226641 representing NM_001145112
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAATTGCCTTGAAGGGCCAGGTAAGACCTGTGGCCCTTGGCTTCTGAGGAGGAGCTGGTGTCTGCCT
 GCCAGTTGGAAAAAGAAGAAGAGAATGAAGGGGAGGAGGAGGAAGAGGAGGAGGACGAGGAGGATCTGGA
 CCCAGATCTGGACCCAGACCTAGAGGAGGAAGAGAATGATCTTGGGGATCCAGCTGTACTTGGTGTCTGTC
 CACAACACCCAGAGAGCTCTGCTTAGCTCCCCTGGAGTCAAGGCCCTGGTATGCTGGGAATGTCACTTG
 CCTCCTTGCAATTTCTGTGGCAGACCTTGGACTACCTGTGCGCCATCCCTTTCTGGCCTACATTTCCAG
 CACCAGCTCTCCAGCACAGCACTTTGGACCTCGGCTGCCCTCACCAGACCCAACCTCTCTTCTGCAGCCTG
 CTGACCTCGTGGCCCCCTAGGTTCAATCATCTGACCCAGCTCCACCCTCGGCACCAACGAATCTTGCAGC
 AGCAGCAGCATAGTCAAACACCAAGTCCCCAGCCAAGAAGCCTTGGTCTCAGCAGCCAGACCCCTATGC
 TAACCTCATGACCAGAAAAGAGAAGGACTGGGTGATAAAAGTGCAGATGGTGCAGCTGCAGAGTGCAAAA
 CCCCCTCTGGATGACTACTATTACCAGGAATATTACCAGAAGCTAGAGAAGAAGCAGGCAGACGAAGAGC
 TACTTGGACGAAGAAACCGGTTGAGTCCCTCAAGCTGGTAACGCCTTACATTCCGAAGGCAGAGGCTTA
 TGAGTCCGTGGTCCGAATCGAGGGTTCCTGGGCCAGGTAGCTGTGTCGACATGCTTCAGCCCTCGCCGA
 GCTATTGATGCGGTACCCATGGAATCAAGAGCAGGATATAGAAGCTGCAAGCAGTCAAGGCTTCGGG
 TATTATACCGGATTGAGAAGATGTTCTTCAGTTACTAGAAATAGAGGAAGGCTGGAAGTATAGGCCTCC
 ACCGCCCTGCTTTCTGAGCAGCAAAGCAACAGGTTGAGAAGCTCTCCAGACCTTAAAGACCCAGGAG
 CAGAACAACCTGGAAGAGGCAGCAGATGGCTTCTGCAGGTGCTCTCTGTGAGGAAGGGGAAGGCCCTGG
 TGGCCCGGCTGCTCCCTTCTGCCCCAGGATCAGGCTGTTACCATTCTTTGGCTATCACCCACCATCT
 GCCCTCTGGTCCGGAGGGATGTGGCTGATCAGGCCCTACAAATGTTATTCAAACCTCTGGGCAATGT
 ATTAGTCACTTGACCCTCCACGAACCTCCTCAAGGACTTCAGGGATTAACGCTGTTGCCACCTGGCTCCT
 CAGAGCGGCCAGTCACCGTGGTCTTCAAGATCAGTTTGAATATCTTTGCTCTATGCCCTGCTGAGCCA
 TGGGGAGCAACTGGTATCGCTGCATTCTCCCTAGAGGAACCAACAGTGACCATACAGCTTGGACAGAC
 ATGGTGGTTCTGATTGCCTGGGAGATAGCCCAATGCCTACAGCCTCTCTGGCAGAACCCCTAGCTTTCC
 CCAGCAACCTACTTCCCTGTTCTGTCAACACGTGGACAAACAATTGGTTCAGCAGCTGGAGGCCAGGAT
 GGAGTTTGCCTGGATTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MNCLEGPVKTCGPLASEEELVSACQLEKEEENEGEEEEEEDEEDLDPDLDPDLEEEENDLGDPAVLGAV
 HNTQRALLSSPGVKAPGMLGMSLASLHFLWQTLDYLSPIFPWTFPSTSSPAQHFGPRLPSPDPTLFCSL
 LSWPPRFSHLTQLHPRHQRILQQQHSQTPSPPAKPPWSQQPDYANLMTREKDWIKVQMVQLQSAK
 PRLDDYYYQEYYQKLEKKQADEELLGRRNRVESLKLVTPIPKAEAYESVVRIEGSLGQVAVSTCFSPRR
 AIDAVPHGTQEQDIEAASSQRLRVLYRIEKMFLQLLEIEEGWKYRPPPPCFSEQQSNQVEKLFQTLKTQE
 QNNLEEAADGFLQVLVRKGGKALVARLLPFLPQDQAVTILLAITHHLPLLVRDQVADQALQMLFKPLGKC
 ISHLTLHELLQGLQGLTLLPPGSSERPVTVVLQNQFGISLLYALLSHGEQLVSLHSSLEEPNSDHTAWTD
 MVVLIWEIAQMPTASLAELAFPSNLLPLFCHHVQKLVQQLLEARMEFAWIY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001145112

ORF Size:	1629 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_001145112.1, NP_001138584.1</u>
RefSeq ORF:	1632 bp
Locus ID:	197135
UniProt ID:	<u>C9JE40</u>
Cytogenetics:	15q21.1
MW:	61.3 kDa