

Product datasheet for **RC206717A1V**

Human PDILT (NM_174924) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PDILT (NM_174924) AAV Particle
Tag:	Myc-DDK
Symbol:	PDILT
Synonyms:	PDIA7
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC206717 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGACCTACTCTGGATGCCCTGCTGCTGGTGGCCGCTTGTGTCTCTGCTGTCCACAGCTCACCAGAGG
 TTAACGCCGGTGTTCACGATCCACATAACCAAGCCTGTGCACATCCTGGAGGAACGCAGTCTCCTAGT
 GCTAACGCCCGCTGGCCTGACCCAGATGCTGAACCAGACCCGCTTCTCATGGTCTTTCCACAACCCA
 TCCTCAAAGCAATCCAGGAATTGGCGAAGAGCTGGGCAAAGCTGTGGAGATCATGGGCAAAGGCAAGA
 ATGGGATCGGCTTTGGCAAAGTGGACATTACCATAGAGAAGGAGCTTCAGCAGGAGTTTGGGATTACAA
 GGCCCCGGAGTTGAAGCTGTTCCTGAGGCAACAGGTGAGAGCCATCAGCTGCAAAGGAGTGGTTGAA
 TCTGCTGCCTTAGTCGTTTGGTTGAGACGACAAATTAGCCAGAAAGCATTTTGTTCACAGCAGCGAGC
 AGGTGGCAGAGTTGTGATATCCAGGCCCTTGGTCATCGTTGGCTTCTCCAGGATTTAGAGGAAGAAGT
 AGCAGAGTTGTCTATGATGTGATCAAAGACTTTCCAGAGCTAACGTTTGGAGTCATAACGATTGCAAT
 GTCATTGGGCGTTTCCACGTACCCCTTGACAGCGTCCTGGTGTTCAAAAAGGGAAAAATTGTGAACCGCC
 AAAAGCTTATTAATGACAGTACCAACAAACAGGAATCAATCGTGTCAAAAACAGCACCTTACAGATTT
 TGTGATCGAATACAACACTGAGAATAAGGATCTGATTTCCGAGTTGCACATCATGAGTCACATGCTGCTG
 TTTGTCTCCAAAAGCTCCGAGTCATATGGTATCATAATTCAGCATTATAAGCTGGCATCAAAGGAATTCC
 AAAACAAGATCCTTTTCATCCTTGTGGATGCAGACGAACCCAGAAATGGACGTGTCTTCAAGTACTTCCG
 GGTACAGAGGTCGATATCCATCCGTCCTCAAACTCTAACTTGAGCTCTGACGCCAGGTACAAAATGCCT
 TCAGATGACATAACCTACGAAAGCCTCAAGAAATTTGGCCGACGTTCTCTGAGTAAAAATGCCACAAAAC
 ATCAATCCAGTGAAGAGATTCCAAAATCTGGGACCAAGGACTGGTTAAGCAGCTCGTGGGGAAGAACTT
 CAACGTAGTCGCTTTTGACAAAGAAAAGGACGATTTTGTGATGTTCTATGCACCCTGGTCTAAAAAGTGC
 AAGATGCTGTTCCCACTGTTGGAGGAATTGGGCAGAAAATATCAAAACCACTCCACAATTATCATTGCCA
 AGATCGATGTCACAGCAAATGACATTACGCTGATGTACCTGGACCGGTACCCATTCTTCAAGGCTGTTCCC
 CAGCGGCTCTCAACAAGCTGTCTGTATAAGGGAGAACACACCCTGAAGGGCTTCTCTGACTTCTTGAA
 AGCCACATCAAACTAAGATTGAGGATGAGGATGAGCTGTTGTCTGTTGAGCAAATGAAGTGATAGAAG
 AGGAAGTGCTAGCTGAGGAAAAGGAGGTGCCTATGATGAGGAAAGGTTACCTGAACAGCAGTCGCTGA
 GCTGGAGAACATGACCAAGTACGTATCCAAGCTGGAAGAGCCCGCTGGGAAGAAGAAAACATCTGAGGAG
 GTGGTGGTGGTGGCTAAGCCAAAGGACCTCCAGTGCAAAAGAAGAAACAAAAGTCAAGGAAGAAC
 TT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206717 protein sequence
 Red=Cloning site Green=Tags(s)

MDLLWMPLLLVAACVSAVHSSPEVNAGVSSIHITKPVHILEERSLLVLTAPAGLTQMLNQTRFLMVLFHNP
 SSKQSRNLAEELGKAVEIMGKGNIGFGKVDITIEKELQQEFGITKAPELKLFFEGNRSEPI SCKGVVE
 SAALVWLRRQISQKAF LFNSSQVAEFVISRPLVIVGFFQDLEEEVAELFYDV IKDFPELTFGVITIGN
 VIGRFHVTLD SVLVFKK GKIVNRQKLINDSTNKQELNRIKQHLTDFVIEYNTENKDLISELHIMSHMLL
 FVSKSSSESYGII IQHYKLASKEFQNKILFILVDADEPRNGRVFKYFRVTEVDIPSVQILNLSSDARYKMP
 SDDITYESLKKFGRSFLSKNATKHQSSEI PKYWDQGLVKQLVGKNFNVVFDKEKDV FVMFYAPWSKKC
 KMLFPLLEELGRKYQNHSTIIIAKIDVTANDIQLMYLDRYPFFRLFPSGSQQAVLYKGEHTLKGFSD FLE
 SHIKTKIEDEDELLSVEQNEVIEEEVLAEKEVPMMRKGLPEQQSPELENMTKYVSKLEEPAGKKKTSEE
 VVVVVAKP GPPVQKKPKVKEEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_174924
ORF Size:	1752 bp
Buffer:	PBS with 0.001% Pluronic F5925
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_174924.1</u>
RefSeq Size:	2195 bp
RefSeq ORF:	1755 bp
Locus ID:	204474
UniProt ID:	<u>Q8N807</u>
Cytogenetics:	16p12.3
MW:	66.7 kDa