

Product datasheet for **RC213267A1V**

Human ACPL2 (PXYLP1) (NM_001037172) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ACPL2 (PXYLP1) (NM_001037172) AAV Particle
Tag:	Myc-DDK
Symbol:	ACPL2
Synonyms:	ACPL2; HEL124; XYLP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC213267 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTTTTCCGCAACCGCTTCTTGCTGCTGCTGGCCCTGGCTGCGCTGCTGGCCTTTGTGAGCCTCAGCC
 TGCAGTCTTCCACCTGATCCCGGTGTCGACTCCTAAGAATGGAATGAGTAGCAAGAGTCGAAAGAGAAT
 CATGCCCGACCCTGTGACGAGCCCCCTGTGACAGACCCCGTTTATGAAGCTCTTTTGTACTGCAACATC
 CCCAGTGTGGCCGAGCGCAGCATGGAAGGTCATGCCCCGCATCATTTTAACTGGTCTCAGTGCATGTGT
 TCATTCGCCACCGAGACAGGTACCCACTGTATGTCATTCCAAAACAAAGCGACCAGAAATTGACTGCAC
 TCTGGTGGCTAACAGGAAACCGTATCACCCAAACTGGAAGCTTTCATTAGTCACATGTCAAAGGATCC
 GGAGCCTCTTTGAAAGCCCTTGAACCTCTTGCCTCTTACCCAAATCACCCATTGTGTGAGATGGGAG
 AGCTCACACAGACAGGAGTTGTGCAGCATTTGCAGAACGGTCAGCTGCTGAGGGATATCTATCTAAAGAA
 ACACAACTCCTGCCAATGATTGGTCTGCAGACCAGCTCTATTTAGAGACCCTGGGAAAAGCCGGACC
 CTACAAAGTGGCTGGCCTTGTCTTATGGCTTCTCCAGATTTTACTGGAAGAAGATTTATTTAGGC
 ACCAGCCAAGTGCCTGTTCTGCTCTGGAAGCTGCTATTGCCCGGTAAGAAACCAGTATCTGAAAAGGA
 GCAGCGTCGTCAGTACCTCCTACGTTTAAAAACAGCCAGCTGGAGAAGACCTACGGGGAGATGGCCAAG
 ATCGTGGATGTCCCACCAAGCAGCTTAGAGCTGCCAACCCATAGACTCCATGCTCTGCCACTTCTGCC
 ACAATGTCAGCTTCCCTGTACCAGAAATGGCTGTGTTGACATGGAGCACTTCAAGGTAATTAAGACCCA
 TCAGATCGAGGATGAAAGGGAAGACGGGAGAAGAAATGTACTTTGGGTATTCTCTCTGGGTGCCAC
 CCCACTCTGAACCAACCATCGGCCGGATGCAGCGTCCACCCAGGGCAGGAAAGAAGAGCTCTTTGCC
 TCTACTCTGCTCATGATGTCACCTGTCCAGTCTCAGTGCCTTGGCCTTTCAGAAGCCAGGTTCCC
 AAGGTTTGCAGCCAGGTTGATCTTTGAGCTTTGGCAAGACAGAGAAAAGCCAGTGAACATTCGTCGCG
 ATTCTTTACAATGGCGTCGATGTACATTCCACACCTTTTCTGCCAAGACCACCAAGCGTTCTCCCA
 AGCCCATGTGCCCGCTTGAACCTTGGTCCGCTTTGTGAAAAGGGACATGTTTGTAGCCCTGGGTGGCAG
 TGGTACAAATTATTATGATGCATGTCACAGGGAAGGATTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC213267 protein sequence
 Red=Cloning site Green=Tags(s)

MLFRNRFLLLLALAALLAFVSLSLQFFHLIPVSTPKNGMSSKSRKRIMPDPVTEPPVTDVPVYEALLYCNI
 PSVAERSMEGHAPHHFKLVSVHVFIRHGDYPLVYIPKTKRPEIDCTLVANRKPYPHPKLEAFISHMSKGS
 GASFESPLNSLPLYPNHPLCEMGELETQGVVQHLQNGQLLRDIYLLKHKLLPNDWSADQLYLETTGKSRT
 LQSGLLALYGFLLPDFDWKKIYFRHQPSALFCSGSCYCPVRNQYLEKEQRRQYLLRLKNSQLEKTYGEMAK
 IVDVPTKQLRAANPIDSMCHFNVSFPCTRNGCVDMEHFVKVIKTHQIEDERERREKLYFGYSLLGAH
 PILNQTIGRMQRATEGRKEELFALYSAHDVTLSPVLSALGLSEARFPRFAARLIFELWQDREKPSHSVR
 ILYNGVDVTFHTSFCDHHRKSPKPMCPLENLVRVFKRDMFVALGGSGTNYDACHREGF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001037172

ORF Size:

1440 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_001037172.1</u>
RefSeq Size:	3281 bp
RefSeq ORF:	1443 bp
Locus ID:	92370
UniProt ID:	<u>Q8TE99</u>
Cytogenetics:	3q23
MW:	55.2 kDa