

## Product datasheet for **RC207863A1V**

### Human ACPL2 (PXYLP1) (NM\_152282) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human ACPL2 (PXYLP1) (NM_152282) 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:**

>RC207863 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCTTTTCCGCAACCGCTTCTTGCTGCTGCTGGCCCTGGCTGCGCTGCTGGCCTTTGTGAGCCTCAGCC  
 TGCAGTCTTCCACCTGATCCCGGTGTCGACTCCTAAGAATGGAATGAGTAGCAAGAGTCGAAAGAGAAT  
 CATGCCCGACCCTGTGACGAGCCCCCTGTGACAGACCCCGTTTATGAAGCTCTTTTGTACTGCAACATC  
 CCCAGTGTGGCCGAGCGCAGCATGGAAGGTCATGCCCCGCATCATTTTAAAGTGGTCTCAGTGCATGTGT  
 TCATTCCGCCACGGAGACAGGTACCCACTGTATGTCATTCCAAAACAAAGCGACCAGAAATTGACTGCAC  
 TCTGGTGGCTAACAGGAAACCGTATCACCCAAACTGGAAGCTTTCATTAGTCACATGTCAAAGGATCC  
 GGAGCCTCTTTGAAAGCCCTTGAACCTCTTGCCTCTTACCCAAATCACCCATTGTGTGAGATGGGAG  
 AGCTCACACAGACAGGAGTTGTGCAGCATTTGCAGAACGGTCAGCTGCTGAGGGATATCTATCTAAAGAA  
 ACACAACTCCTGCCAATGATTGGTCTGCAGACCAGCTCTATTTAGAGACCCTGGGAAAAGCCGGACC  
 CTACAAAGTGGCTGGCCTTGCTTTATGGCTTCTCCAGATTTTACTGGAAGAAGATTTATTTAGGC  
 ACCAGCCAAGTGCCTGTTCTGCTCTGGAAGCTGCTATTGCCCGGTAAGAAACCAGTATCTGAAAAGGA  
 GCAGCGTCGTCAGTACCTCCTACGTTTAAAAACAGCCAGCTGGAGAAGACCTACGGGGAGATGGCCAAG  
 ATCGTGGATGTCCCACCAAGCAGCTTAGAGCTGCCAACCCATAGACTCCATGCTCTGCCACTTCTGCC  
 ACAATGTCAGCTTCCCTGTACCAGAAATGGCTGTGTTGACATGGAGCACTTCAAGGTAATTAAGACCCA  
 TCAGATCGAGGATGAAAGGGAAGACGGGAGAAGAAATGTACTTTGGGTATTCTCTCTGGGTGCCAC  
 CCCACTCTGAACCAACCATCGGCCGGATGCAGCGTCCACCCAGGGCAGGAAAGAAGAGCTCTTTGCC  
 TCTACTCTGCTCATGATGTCACCTGTACCAGTCTCAGTGCCTTGGCCTTTGAGAAGCCAGGTTCCC  
 AAGGTTTGCAGCCAGGTTGATCTTTGAGCTTTGGCAAGACAGAGAAAAGCCAGTGAACATTCGTCGCG  
 ATTCTTTACAATGGCGTCGATGTACATTCCACACCTTTTCTGCCAAGACCACCAAGCGTTCTCCCA  
 AGCCCATGTGCCCGCTTGAACCTTGGTCCGCTTTGTGAAAAGGGACATGTTTGTAGCCCTGGTGGCAG  
 TGGTACAAATTATTATGATGCATGTCACAGGGAAGGATTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC207863 protein sequence  
 Red=Cloning site Green=Tags(s)

MLFRNRFLLLLALAALLAFVSLSLQFFHLIPVSTPKNGMSSKSRKRIMPDVTEPPVTDVPVYEALLYCNI  
 PSVAERSMEGHAPHHFKLVSVHVFIRHGDYPLVYIPKTKRPEIDCTLVANRKPYPHPKLEAFISHMSKGS  
 GASFESPLNSLPLYPNHPLCEMGELETQGVVQHLQNGQLLRDIYLLKHKLLPNDWSADQLYLETTGKSRT  
 LQSGLLALYGFLLPDFDWKKIYFRHQPSALFCSGSCYCPVRNQYLEKEQRRQYLLRLKNSQLEKTYGEMAK  
 IVDVPTKQLRAANPIDSMCHFNVSFPCTRNGCVDMEHFVKIKTHQIEDERERREKLYFGYSLLGAH  
 PILNQITGRMQRATEGRKEELFALYSAHDVTLSPVLSALGLSEARFPRFAARLIFELWQDREKPSHSVR  
 ILYNGVDVTFHTSFCDHHRKSPKPMCPLENLVRVFKRDMFVALGGSGTNYDACHREGF

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_152282

**ORF Size:**

1440 bp

**Buffer:**

PBS with 0.001% Pluronic F68

<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_152282.3</a></u>
<b>RefSeq Size:</b>	3455 bp
<b>RefSeq ORF:</b>	1443 bp
<b>Locus ID:</b>	92370
<b>UniProt ID:</b>	<u><a href="#">Q8TE99</a></u>
<b>Cytogenetics:</b>	3q23
<b>MW:</b>	55.2 kDa