

Product datasheet for **RC208196A1V**

Human ACSL1 (NM_001995) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ACSL1 (NM_001995) AAV Particle
Tag:	Myc-DDK
Symbol:	ACSL1
Synonyms:	ACS1; FACL1; FACL2; LACS; LACS1; LACS2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC208196 representing NM_001995
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAAGCCCATGAGCTGTTCCGGTATTTTGAATGCCAGAGCTGGTTGACTTCCGACAGTACGTGCGTA
 CTCTTCGACCAACACGCTTATGGGCTTCGGAGCTTTTGCAGCACTCACCACCTTCTGGTACGCCACGAG
 ACCCAAACCCCTGAAGCCGCCATGCGACCTCTCCATGCAGTCAGTGGAAGTGGCGGGTAGTGGTGGTGCA
 CGAAGATCCGCACTACTTGACAGCGACGAGCCCTTGGTGTATTTCTATGATGATGTCACAACATTATACG
 AAGGTTTCCAGAGGGGAATACAGGTGTCAAATAATGGCCCTTGTAGGCTCTCGGAAACGACCAACC
 CTATGAATGGCTTTCATATAACAGGTTGCAGAATTGTCGAGTGCATAGGCTCAGCACTGATCCAGAAG
 GGCTTCAAGACTGCCCCAGATCAGTTTATTGGCATCTTGTCTCAAAATAGACCTGAGTGGGTGATTATTG
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 TGGTGGAAACGAGGCCAGAGGTGTGGGTGGAAGTCACCAGCATGAAGCGATGGAGGACCTGGGAAGAGC
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 CAGTCGAGCCTGGGCGGAAGAGTCCGGCTGATGGTGACAGGAGCCGCCCGGTGTCTGCCACTGTGCTGA
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 CTTGTTGATGTGAAGAAATGAATTACATGGCTGCCGAGGGCGAGGGCGAGGTGTGTGTGAAAGGCCAA
 ATGTATTTCAGGGCTACTTGAAGGACCCAGCGAAAACAGCAGAAGCTTTGGACAAAGACGGCTGTTACA
 CACAGGGGACATTGAAAATGGTTACCAATGGCACCTTGAAAATTATCGACCGAAAAAGCACATATTT
 AAGCTGGCACAAGGAGAATACATAGCCCTGAAAAGATTGAAAATATCTACATGCGAAGTGAGCCTGTTG
 CTCAGGTGTTTGTCCACGAGAAAGCCTGCAGGCATTTCTATTGCAATTGTGGTACCAGATGTTGAGAC
 ATTATGTTCTGGGCCAAAAGAGAGGATTTGAAGGTCGTTTGAAGAACTGTGCAGAAAATAGGATGTC
 AAAAAAGCTATCCTCGAAGATATGGTGAGACTTGGGAAGGATTCTGGTCTGAAACCATTGAAACAGGTCA
 AAGGCATCACATTGCACCCTGAATTATTTCTATCGACAATGGCCTTCTGACTCCAACAATGAAGCGGAA
 AAGGCCAGAGCTGCGGAATATTTAGGTGCGAGATAGATGACCTCTATTCCACTATCAAGGTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC208196 representing NM_001995 Red=Cloning site Green=Tags(s) MQAHELFYFRMPPELVDFRQYVRTLPTNTLMGFGAFAALTTFWYATRPKPLKPPCDLSMQSVEVAGSGGAR RRSALLDSDEPLVYFYDDVTTL YEGFQRGIQVSNNGPCLGSRKPDQPYEWLSYKQVAELSECIGSALI QK GFKTAPDQFIGIFAQNRPEWVIEQGCFAYSMVIVPLYDTLGNEAITYIVNKAELSLVFVDKPEKAKLLL EGVENKLIPGLKIIIVMDAYGSELVERGQRCGVEVTSMKAMEDLGRANRRKPKPPAPEDLAVICFTSGTT GNPKGAMVTHRNIVSDCSAFVKATENTVNPCDDTLISFLPLAHMFERVVECVMLCHGAKIGFFQGDRL LMDDLKVLQPTVFPVVPRLNRMFDRIFGQANTTLKRWLLDFASKRKEAELRSGIIRNNSLWDRLIFHKV QSSLGGRVRLMVTGAAPVSATVLTFLRAALGCQFYEGYGQTECTAGCCLTMPGDWTAGHVGAPMPCNLIK LVDVEEMNYMAAEGEGEVCVKGPNVFQGYLKDPAKTAEALDKDWLHTGDIGKWL PNGTLKIIDRKKHIF KLAQGEYIAPEKIENIYMRSEPVAQVFVHGESLQAFLIAIVVPDVETLCSWAQKRGFEFSFEELCRNKDV KKAILEDMVR LGKDSGLKPFEQVKGITLHPELFSIDNGLLTPTMKAKRPELRNYFRSQIDDLYSTIKV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001995
ORF Size:	2094 bp
Buffer:	PBS with 0.001% Pluronic F6221
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_001995.2</u>
RefSeq Size:	3822 bp
RefSeq ORF:	2097 bp
Locus ID:	2180
UniProt ID:	<u>P33121</u>
Cytogenetics:	4q35.1
MW:	77.8 kDa