

Product datasheet for **RC219078A1V**

Human ALS2CR13 (FAM117B) (NM_173511) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ALS2CR13 (FAM117B) (NM_173511) AAV Particle
Tag:	Myc-DDK
Symbol:	FAM117B
Synonyms:	ALS2CR13
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC219078 representing NM_173511
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTCCCAGCGGGTGAGGCGCAATGGGTCCCCACGCCGGCGGCTCCCTTGGGGGTGGTGCGGTGGCCA
 CGGCCGGGGGACCCGGGAGCCGCTTGACGCCCATGAGGGCGACGGTTCGGTTCAGCTGAAGCAGCAGCA
 GCAGCAGCAACATGGCAGCCCCACGCGAGCGGCGGCGGCGGCGGCAACAACAGGTGGCTGCTGT
 GGTGGCGCCTCAGGCCCGCAGGCGGCGGCGGCGGCTGGCCGCGCACCGCCTCGCGCAGCACCAGCC
 CCACGCGCGGCGGCGGGAACGCGGCGCGCGCACCGCCACGGTGGCCACGCAGACGGGCGCTCCGC
 GACGTCCACGCGAGGCACCGCCACGCGCAGCGCGCGCTGGAGCTCGCGGAGCCCCACGGCCG
 CCGCCCGCGCGCGCTGCTGGCACCCTGTCGTCGCCAGCTCGTCGCCACCCACCTGTGGACCGGCG
 AGGTGAGCGCGGCCCCACCCACGCCCGCTCCGGCATCGGAGGAGTCTCCGGAGCAGAGCCGAAGCTC
 GCCGGAAGAGGAGCCCCAGCGCCCCGGTTTGAAAGCAGGTGACAAAACAGCAGCCTTCTTCAAGC
 CCCTCCAGTATTATCCGACGCACTTCTCCCTGGATACTCTTGTGTCACCGTATCTTGTGGACACTGGC
 CTCGGGATAGCCATGGGCAAGCTGCACCTTGCATGAGGGACAAAGCTACACAGACAGAGAGTGCATGGGC
 TGAAGAATACTCTGAAAAGAAGAAAGGTCTCACAAGCGCTCAGCATCTTGGGGCAGTACAGATCAACTT
 AAGGAGATTGCAAAATTACGCCAGCAGTTGCAGAGAAGTAAACACAGCAGTCGGCATCATCGAGATAAG
 AAAGACAGTCTCCATTTTCATGGCAACCATGCAGCTATTAACAGTGTGAGGCTCCTGTTCCAAAGAGTGC
 ACTTATTCCTGTAATTCATCACCAATCAACAGGCTCCCGTTCCGGAATAGCGTGAAGGATTGAAT
 CAGGAGATTGAAATAATAATTAAGAGACTGGGAAAAGGAAGAGCAACTTATACCGCAAGATATTCAG
 ATGGCCATCGTCTCCACCCCTTGTACAGAGAAGTAGCAGCAGCGCAGCATTGACACACAGACGCC
 TGGTGGGCGAGACAGGGGAAGCAACAACAGCAGCGTCCCAAGTCCGTGTCGCCAACATCGTTCTCACC
 ATTTCCATGAAGGTAGCGAGGAGAGTCTTGTGTCAGCGGATGACCTGCTTGTGATCCAGAGATAAAG
 AGAATGGGAACAATTCTCTTTGCCCAATATGCAACCTCACCAAAACCTAACACAGTTATATGTTCAA
 AAGGGAACCTCTGAGGGCTGTGAAAGGTCAAAGTCTTGAGGAATGCTCGCCAAAACAGCTTCATGAA
 ATCCCAGCCTTTTATTGCTGACAAAAACAAGGTGAATTTATTCTAAAAGTGGATCTGCTTCTGCC
 TCGTCAGCATCTCAAGCCACTCTTCTACCCGGATCTTACACTCAAGGGCTCTGGCCACAGCCTGAC
 AGTCACCACTGGCATGACAACCACTCTGCTGCAGCCTATTGCTGTGGCCTCCCTGTCTACAAACACAGAG
 CAAGACCGAGTCTCTGAGGAACAAGTACAGTCATGCCATCAGCTTCTCTACTCCACCACCAGAACCA
 TTGAGGAAGCTGAAGGA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC219078 representing NM_173511
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MSQRRVRRNGSPTPAGSLGGGAVATAGGPGSRLQPMRATVPFQLKQQQQQHGSPTSRSGGGGGNNNGGCC
 GGASGPAGGGGGGPRASRSTSPTRGGNAAARTSPTVATQTGASATSTRGTSPTRSAAPGARGSPRRP
 PPPPPLLGTVSSPSSSPTHLWTGEVSAAPPARVRHRRRSPEQSRSSPEKRSPSAPVCKAGDKTRQPS
 PSSIIIRRTSSLDTLAAPYLAGHWPRDSHGQAAPCMRDKATQTESAWAEYSEKKKGSHKRSASWGSTDQL
 KEIAKLRLQRLQSKHSSRHHRDKERQSPFHGNHAAINQCQAPVPKSALIPVIPITKSTGSRFRNSVEGLN
 QEIEIIKETGEKEEQIPQDIPDGHRAAPPLVQRSSSTRSIDTQTPGGADRGSNNSRSQSVSPTSFLT
 ISNEGSEESPCSADDLLVDPDKENGNSPLPKYATSPKPNNSYMFKREPPPEGCEVVKVFEESPKQLHE
 IPAFYCPDKNKVNFIPKSGSAFCLVSLKPLPTPDLTLKSGHSLTVTTGMTTLLQPIAVASLSTNTE
 QDRVSRGTSTVMPSASLLPPPEPIEEAEG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_173511
ORF Size:	1767 bp
Buffer:	PBS with 0.001% Pluronic F7939
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_173511.4</u>
RefSeq Size:	5982 bp
RefSeq ORF:	1770 bp
Locus ID:	150864
UniProt ID:	<u>Q6P1L5</u>
Cytogenetics:	2q33.2
MW:	62 kDa