

Product datasheet for **RC227762A1V**

Human ALS2CR1 (NIF3L1) (NM_001136039) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ALS2CR1 (NIF3L1) (NM_001136039) AAV Particle
Tag:	Myc-DDK
Symbol:	ALS2CR1
Synonyms:	ALS2CR1; CALS-7; MDS015
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC227762 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTGTCATCTTGCGTACGCCAGTCCCCACGACAGTCCGGTTGTAGATTCCCTGATCTGCAATTCTT
CCCCTTCCTCATGGATTTGAAGGCTCTCCTTTCTTCTTGAATGACTTTGCATCCCTCTCGTTTGCTGA
GAGTTGGGACAATGTTGGATTACTGGTGAACCAAGCCACCACATACTGTAATACACTCTTCTGACC
AATGACCTGACTGAGGAAGTGATGGAGGAGGTGCTGCAAAAGAAGGCAGACCTCATTCTCTCCTACCATC
CGCCTATCTTCCGACCCATGAAGCGCATAACCTGGAACACATGGAAGGAGCGCCTGGTGATCCGGGCTCT
GGAGAACAGAGTCGGTATCTACTCTCCTCATAACGCTATGATGCTGCGCCCCAGGGCGTCAACAACTGG
TTGGCTAAAGGGCTTGAGCTTGACCTCCAGGCCATACATCCTTCCAAAGCTCCCAACTACCTTACAG
AGGGAACCAACCGAGTAGAATTCAACGTAACTACACCAAGACCTGGACAAAGTCATGTCTGCAGTGAA
AGGAATTGACGGTGTTTCTGTCACTTCTTTTCTGCTAGGACTGGTAATGAGGAACAAACACGGATTAAT
CTGAATTGTAAGGCTTTGATGCAGGTGGTAGATTTCTTCCCGGAACAAACAATTTATCAGA
AGACGGAATTTCTGCTACTGGAGAAGCCTTTGCTTCTACATACTGGAATGGGACGGTTATGCACACTGGA
TGAATCTGTCTCCCTGGCAACCATGATTGATCGAATAAAAAGACACCTAAACTATCTCATATTCGCTTA
GCCCTTGGGGTGGGAGAACCTTAGAGTCTCAAGTCAAAGTCGTGGCCCTGTGTGCTGGTTCTGGGAGCA
GCGTTCTGCAGGTGTTGAGGCTGACCTTTACCTCACAGGTGAGATGTCCCATCATGATACTTTGGATGC
TGCTTCCCAAGGAATAAATGTCATCCTCTGTGAACACAGCAACACTGAACGAGGCTTTCTTTCTGACCTT
CGAGATATGCTGGATTCTCACTTGAGAATAAGATAAATTATCCTATCAGAGACTGACAGGGACCCCTC
TTCAGGTGGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC227762 protein sequence Red=Cloning site Green=Tags(s) MLSSCVRPVPTTVRFVDSLICNSSRSFMDLKALLSSLNDFASLSFAESWDNVGLLVEPSPPHTVNTLFLT NDL TEEVMEEVLQKKADLILSYHPIIFRPMKRITWNTWKERLVIRALENRVGIYSPHTAYDAAPQGVNNW LAKGLGACTSRPIHPSKAPNYPTTEGHRVEFNVNYTQDLQVMSAVKGIDGVSVTSFSARTGNEEQTRIN LNCTQKALMQVVDLFLSRNKQLYQKTEILSLEKPLLLHTGMGRCLTLDSEVSLATMIDRIKRHLKLSHRL ALGVGRTLESQVKVVALCAGSGSSVLQGVADLYLTGEMSHHDTLDAASQGINVILCEHSNTERGFLSDL RDMLDSHLENKINIILSETDRDPLQVV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001136039
ORF Size:	1131 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_001136039.2, NP_001129511.1</u>
RefSeq Size:	1497 bp
RefSeq ORF:	1134 bp
Locus ID:	60491
UniProt ID:	<u>Q9GZT8</u>
Cytogenetics:	2q33.1
MW:	42 kDa