

Product datasheet for **RC206964A1V**

Human ALS2CR4 (TMEM237) (NM_152388) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ALS2CR4 (TMEM237) (NM_152388) AAV Particle
Tag:	Myc-DDK
Symbol:	ALS2CR4
Synonyms:	ALS2CR4; JBTS14
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC206964 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGGAAGAATCCTGTGCGTCCTCCACGAGCTATTCCACCTGTGCCAAGTCAAGATGATATCCACTTA
GTCGTCCTAAGAAAAAGAAGCCAGAACAAAAACACACCAGCAAGTGCTTCTTTGGAAGGCCTTGCTCA
GACTGCTGGTCAAGGCCCTCTGAGGGCAATGAGCCATCAACTAAAGAACTCAAGAGCACCCAGAGGCT
CCTGTTCAAAGAAGACAGAAAAAGACAAGGCTACCTCTTGAATTGGAGACTTCTCCACCCAAAAAGAAGT
CATCTAGTTTCATCTTTATTACGAAATGAAAATGGTATTGATGCGGAGCAAGCTGAGGAGGCAGTTATTCA
AAAACCTCGGAGGAAGACAAAGAAAACCCAGCCAGCAGAGATTACAGTATGCCAATGAGCTAGGAGTAGAA
GATGAAGACATAATCACTGATGAGCAAACTACTGTGGAACAGCAGTCTGTATTCACTGCACCCACTGGCA
TTAGCCAGCCTGTAGGCAAAAGTATTTGTGAAAAAGCCGGAGATTCCAGGCTGCTGATCGTTTCAGAGTT
GATAAAGACCACAGAAAACATAGATGTGTCAATGGACGTGAAGCCTTCTGGACCACCATAGATGTGGCA
CTTACAGTGCACCGGCTTTCAGGATGATTGGTCTCTTTCTCATGGATTCTTGGCTGGCTGTGTGTGT
GGAATATTGTTGTGATATATGTTCTAGCAGGAGATCAGCTATCCAACCTCTCAACATTCTGCAACAATA
CAAGACCCTAGCGTATCCATTCCAGAGTCTTCTGTACTTGCTTTTGGCTCTGAGTACAATTTAGCTTTT
GACAGGATTGACTTTGCTAAAAATATCAGTAGCAATCCGAAATTTTTTGGCCCTGGATCCTACAGCTTTAG
CATCTTTCTTGACTTTACTGCTCTTATACTATCTCTGAGTCAGCAATGACAAGTGACAGAATCCACCT
TTACACACCTTCTTCTGTTAATGGTAGCCTCTGGGAAGCAGGAATTGAGGAACAGATTCTCCAGCCATGG
ATTGTGGTGAATCTCGTGGTGGCTCTTCTGGTTGGATTATCTTGGCTATTTTTGTCTTATAGGCCAGGCA
TGGATCTTAGTGAAGAGTTAATGTTCTCCTCAGAGGTGAAGAATATCCTGATAAAGAGAAAGAAATCAA
AGCCTCTTCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC206964 protein sequence Red=Cloning site Green=Tags(s) MGKNPVRPPRAIPPVPSQDDIPLSRPKKKKPRTKNTPASASLEGLAQTAGRRPSEGNEPSTKELKEHPEA PVQRRQKKTRLPLELETSSSTQKKSSSSLLRNENGIDAEQAEAAVIQKPRRKTKKTQPAELQYANELGVE DEDIITDEQTTVEQQSVFTAPTGISQPVGKVFVEKSRRFQAADRSELIKTTENIDVSM DVKPSWTTIDVA LTVHRAFRMIGLFSHGFLAGCAVWNIVVIYVLAGDQLSNLSNQLQQYKTLAYPFQSLLYLLALSTISAF DRIDFAKISVAIRNFLALDPTALASFLYFTALILSLSQMTSDRIHLYTPSSVNGSLWEAGIEEQILQPW IVVNLVVALLVGLSWLFLSYRPGMDLSEELMFSEVEEYPDKEKEIKASS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_152388
ORF Size:	1200 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:	NM_152388.2
RefSeq Size:	5592 bp
RefSeq ORF:	1203 bp
Locus ID:	65062
UniProt ID:	Q96Q45
Cytogenetics:	2q33.1
MW:	44.6 kDa