

Product datasheet for **RC209607A1V**

Human ALS2CR15 (ICA1L) (NM_138468) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ALS2CR15 (ICA1L) (NM_138468) AAV Particle
Tag:	Myc-DDK
Symbol:	ALS2CR15
Synonyms:	ALS2CR14; ALS2CR15
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209607 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATTCTTTGGGCAACCCAGACCAGAAGATAATCAGTCAGTAGTCAGAAGAATGCAAAAGAAATACT
 GGAAACTAAACAGGTCTTTATCAAAGCAACAGGAAAAAAGAGGATGAGCACTTGGTGGCGTCTGATGC
 TGAAGTGGATGCTAAACTTGAGGTTTTTCACTCTGTTCAAGAGACATGCACTGAAGTCTGAAGATAATC
 GAGAAATACCAGCTAAGACTCAATGTTATATCAGAGGAAGAAATGAGCTAGGGCTCTTTTAAATTTT
 AAGCAGAACGGGATGCAACTCAAGCTGGCAAAATGATGGATGCCACTGGCAAGGCACTTTGTTCTTCAGC
 CAAGCAAAGATTGGCCCTGTGTACTCTCTGTCTCGTGAAGCAAGAAGTAGCAACATTCAGTCAAAGG
 GCAGTATCTGATACCTTGATGACAATTAATCGGATGGAGCAGGCACGACAGAATACAGAGGAGCTCTAC
 TGTGGATGAAAGATGTATCCCAAGAGCTGGACCCAGACACCTTAAAGCAAATGGAAAAGTTAGAAAAGT
 ACAGATGCAAGTGAGAAATAGCAAAGCTTCTTTGACAAGTTAAAGATGGATGTTTGTCAGAAAGTGGAT
 TTAAGTGGAGCTAGTCGCTGCAATATGCTATCTCATTGCTCACTACCTACCAGAGAACACTGCTTGGAT
 TCTGGAAGAAAACAGCTCGAATGATGTCCCAAATTCATGAAGCCTGTATTGGCTTTCATCCGTATGATTT
 TGTAGCTCTCAAGCAACTACAAGACACGCCAAGCAAGATTAGTGAAGACAATAAAGATGAACAAATAGGC
 GGTTTTCTTACTGAACAGCTCAATAAGCTAGTTTTGTCTGATGAGGAAGCAAGCTTTGAGAGTGAACAAG
 CAAACAAAGATCACAATGAAAAACATTCTCAAATGAGAGAATTTGGAGCACCTCAGTTTTCTAACTCTGA
 AAATGTTGCAAAAGATCTACCTGTAGATTTCATTGGAAGGAGAAGATTTTGAAGGAATTTCTATTCTG
 AACAACTCTTAAGTTCTGGTTCTTCAAGTACTAGTGAATTTACCAAGAATGCCAGACTGCCTTTGGGA
 GCCCAGTGCCAGTCTCACATCCAGGAGCCTTCCATGGGCTGAGCCCTCGCTCATTCTTCTCGAT
 CCTTCCTTCACAACTCTTGACCTTGGCTTTCATGTGGCTGGAGCGTTCAACAAGTGGGTCTCCCAAGAG
 GAATCAGAACTTTGTCTTTCACACACTGATAACCAGCCAGTGCCTTCACAGAGTCCAAAGAAATTAACAA
 GATCCCCCAACATGGCAACCAAGACATGTGAGCCTGGTTCAATCTGTTTGCAGACTTGGATCCACTTTC
 AAACCCAGATGCTATTGGACTCAGATGATGAAGTCTTAATGCT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209607 protein sequence
 Red=Cloning site Green=Tags(s)

MDSFGQPRPEDNQSVVRRMQKKYWKTKQVFIKATGKKEDEHLVASDAELDAKLEVFHVSQETCTELLKII
 EKYQLRLNVISEEENELGLFLKFQAERDATQAGKMMDATGKALCSSAQRLALCTPLSRLKQEVATFSQR
 AVSDTLMTINRMEQARTEYRGALLWMKDVSQELDPDLTKQMEKFRKVMQVRNSKASFDKLMKDVCQKVD
 LLGASRCNMLSHSLTTYQRTLLGFWKKTARMMSQIHEACIGFHPYDFVALKQLQDTPSKISEDNKDEQIG
 GFLTEQLNKLVLSDDEASFSEQANKDHNEKHSQMREFGAPQFSNSENVAKDLPVDSLEGEDFEKEFSFL
 NNLLSSGSSSTSEFTQECQTAFGSPSASLTSEQPSMGSEPLAHSRFLPSQLFDLGFHVAGAFNNWVSQE
 ESELCLSHTDNQPVPSQSPKKLTRSPNNGNQDMSAWFNLFADLDPLSNPDAIGHSDDELLNA

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_138468

ORF Size:

1446 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_138468.4</u>
RefSeq Size:	8333 bp
RefSeq ORF:	1449 bp
Locus ID:	130026
UniProt ID:	<u>Q8NDH6</u>
Cytogenetics:	2q33.2
MW:	54.4 kDa