

## Product datasheet for **RC217499A1V**

### Human ALS2CR8 (CARF) (NM\_001104586) AAV Particle

#### Product data:

<b>Product Type:</b>	AAV Particles
<b>Tag:</b>	Myc-DDK
<b>Symbol:</b>	CARF
<b>Synonyms:</b>	ALS2CR8; NYD-SP24
<b>Mammalian Cell</b>	None
<b>Selection:</b>	
<b>Vector:</b>	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC217499 representing NM\_001104586  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGAACAATCTAATGATTCATTAAGAGTCAACCATAATGACGGTGAAGAGTCAAAAACCAGTGCTCAAG  
TATTTGAGCATCTAATCTGTATGGACTCCAGGGATTCTTCCTTTGGACAAAATGATTCTCCTACAGTTTT  
GCCCATCACTACTCGTGAAGCAAAATATCACTCATATCACAGAATATACCAGGGCCCTGACTCAGACA  
CAGACTCTTTCTGCAGAGCAATCCATCTAGTGGACCAAAAATGGGCAGGCTATTCAATATGAACTTCAGT  
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CCTCGGGATGTCCCTGAAGAGAAAACCCAGTAACAGAAACTTACCAACTGTAAGAGTGGATACTTAGCAG  
ACAATACCAGCAATTACATTCTTCCTCAAACATCCTTCCATTGCCAAAAAGTCAGTGACCGGAAT  
GCTGGAAGAACCCTTCTGGGGCTTTCAGCCACTTCTTCTAATACACCTATATGGGCCCTGCCGTCTT  
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TAACATTTCAACAAGCAGCAACACAGAGTGTGGGGGACCCGTCAGTCTCAAGCCAGCCAAGCCTGC  
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GGGTCTTTGTCTCCTGAGCCAACCCACTTGCTCTCCTCACTCTCCTCATTTCAGCCAAAAATTTTACA  
CAACTACAGGGTTTGCAGTTACAACCAAGGTACACCTCTCCTGATGAATACCAGCTGTGGTATCAGTAA  
ATAACCAGCCGCTCTAGTCTTCCAGACTTCTGGATACAATAGGAAGTGTGTAATGAATAAATTC  
TCTACTGCTTGGTCAAAGTCATAGCCTTCAAAGAGATACATGCTTAACCCAAAAACAATAGTACTGCCTCC  
ACCATGGGTAACTTCCAGAACCAGATCAAATCTAGTTGCAATGGACGAGCTGGTAGAAGTTGGAGATG  
TTGAGGATACAGGGAATCTGGAAGGAACTGTTTCATCGGATTCTGTTGGGAGATGTGCAGACTATTCCAAT  
ACAGATTATAGACAACCACTCAGCTTATTGAAGAAAATCCAGAAAATACCATTTCTGTGAGCCAAGTT  
AAACAAGAACCCAAGAACCAGCATTGTCTATGGAAGCAAAAAAACTGTGGACTATAAGAAATTATCTG  
CTACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

<b>Protein Sequence:</b>	>RC217499 representing NM_001104586 Red=Cloning site Green=Tags(s)  MEQSNDSL RVNHNDGEESKTS AQVFEHLICMDSRDS SFGQNDSP TVLPIT TREANN SLISQNI PGPLTQT QTL SAEQFHLVDQNGQAIQYELQSLGESNAQMMIVASPTENGQVLRVIPPTQTGMAQV IIPQGQLVDVNS PRDVPEEKPSNRNLPTVRVDTLADNTSNYILHPQTSFPLPKKSVTGMLEELLGPLQPLSSNTPIWACRL RSEKIGDSYRGYCVSETELESVLFHKQQTQSVWGTRQSPSPAKPATRLMWSQYVVPYDGI PFVNAGSR AVVMECQYGP RRKGFQLKKVSEQESRSCQLYKATCPARIYIKKVQKFPEYRVPTDPKIDKKIIRMEQEKA FNMLKKNLVDAGGVLRWYVQLPTQQAHQYHELETPCLT LSPSPFPVSSLEEEETAVRDENCALPSRLHPQ VAHKIQELVSQGIEQVYAVRKQLRK FVERELFKPDEVPERHNL SLFPTVNDIKNHIHEVQKSLRNGDTVY NSEIIPATLQWTTDSGNILKETMTVTF AEGNSPGESITTKVETNQTRGSLSPEPTHLLSSLSSFQPKIFT QLQGLQLQPRYTS PDESPAVSVNNQPSSPSGLLDTIGSAVMNNSLLGQSHSLQRDTCLTQNNSTAS TMGNLPEPDQNLVAMDELVEVGDVEDTGNLEGTVHRILLGDVQTIPIQIIDNHSALIEENPESTISVSQV KQEPKEPALSM EAKKTV DYKKLSAT  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_001104586
<b>ORF Size:</b>	2175 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F7700
<b>Stability:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001104586.1</a>
<b>RefSeq Size:</b>	5356 bp
<b>RefSeq ORF:</b>	2178 bp
<b>Locus ID:</b>	79800
<b>UniProt ID:</b>	<a href="#">Q8N187</a>
<b>Cytogenetics:</b>	2q33.2
<b>MW:</b>	80.7 kDa