

Product datasheet for **MR208228A1V**

Mouse *Chrna2* (NM_144803) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse <i>Chrna2</i> (NM_144803) AAV Particle
Tag:	Myc-DDK
Symbol:	<i>Chrna2</i>
Synonyms:	Acra-2; Acra2; BC011490
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR208228 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCCCCTCCCATCTGCTTTCCAGTTCTGGATACATCTTTATCTCTGGTGTCTGCTTCTGATGCCAG
 CAGTGTGGCCAGCAAGGCTCGCACACCCATGCCGAGGACCGCTGTTCAAACACCTCTTTGGAGGCTA
 CAATCGCTGGGCACGGCCAGTCCCAACACTTCCGATGTGGTCATCGTGCCTTTGGACTATCCATTGCA
 CAGCTCATAGATGTGGATGAGAAGAATCAAATGATGACCACCAATGTCTGGCTAAAGCAGGAATGGAATG
 ACTACAAGCTGCGCTGGGACCCGGCTGAGTTTGGCAACATCACCTCCCTCCGCTCCCCTCAGAGATGAT
 CTGGATCCCAGACATTGTTCTCTACAACAATGCAGACGGGGAGTTTGGCTGACCCACATGACCAAGGCC
 CACCTCTTCTCACGGGCACTGTGACTGGTGCCTCCAGCCATCTACAAGAGCTCTGCAGCATCGACG
 TGACTTTCTTCCCTTCGACCAGCAGAACTGCAAGATGAAGTTTGGCTCTGGACATACGACAAGGCCAA
 GATCGACTGGAGCAGATGGAGCGGACGGTGGACCTGAAGGACTACTGGGAGAGCGGCGAGTGGGCCATT
 ATCAACGCCACCGGAACCTATAACAGCAAGAAGTACGACTGCTGCGCGGAGATCTACCCCGACCTCACCT
 ACTACTTCGTTATCCGCCGGCTGCCGCTGTTCTACACCATCAACCTCATTATCCCGTGCCTGCTCATCTC
 CTGCTCACCGTCTCGTGTCTACTTGCCCTCTGAGTGTGGAGAGAAGATCACGCTGTGCATCTCGGTG
 CTGCTCTCCCTCACTGTCTTCTGCTGCTCATCACAGAAATTATCCCATCCACCTCACTGGTCACTCCAC
 TCATCGGCGAGTACCTGCTCTTACCATGATCTTCGTACCCTCTCTATTGTGATCACAGTCTTCGTGCT
 CAATGTCCACCACCGTCCCTAGCACGCACAACATGCCAACTGGGTGAGGGTGGCCCTGCTAGGCCGG
 GTGCCCCGGTGGCTGATGATGAATCGGCCCTGCCGCCATGGAGTCCATGGCTCTCCAGTCTGAAGC
 TCAGCCCCACTTATCATTGGCTGGAGACCAACATGGATGCTGAAGAAAGGGAGGAGAGGAAGAGGA
 GGAGGGAAGAAGATGAAAACATATGTATGTGTGCAGGCTCCAGACTCTCCATGGGTGTCCTCTAT
 GGCCATGGCAGCTGCATCTGAGGGCCATGGGGCTGAGGCCAAGACTCCATCCAGGCTAGTGAGATCC
 TGCTGTCACTCAAATACAGAAAGCACTAGAAGGTGTACACTACATTGCTGACCACCTGAGGTCTGAGGA
 TGCTGACTCTTCGGTGAAGGAAGATTGGAAGTATGTGGCCATGGTGGTAGACCGGATCTTCTCTGGCTG
 TTCATTATCGTCTGCTTCTGGGACCATCGGGCTCTTCTCCCTCCGTTCTGGCTGGAATGAT

ACGGTACGCGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208228 protein sequence
 Red=Cloning site Green=Tags(s)

MAPSHPAFQFWIHLYLWCLLLMPAVLAQQGSHTHAEDRLFKHLFGGYNRWARVPNPNTSDVVIVRFGLSIA
 QLIDVDEKNQMMTTNVWLKQEWNDYKLRWDPAEFGNITSLRVPSEMIWIPDIVLYNNADGEFVTHMTKA
 HLFFTGTVHVWPPAIYKSSCSIDVTFPPFDQONCKMKFGSWTYDKAKIDLEQMERTVDLKDYWESGEWAI
 INATGTYNSSKYDCCAEIYPDVTFYFVIRRLPLFYTINLIIPCLLISCLTVLVFVLPSECGEKITLCISV
 LLSLTVFLLLITEIIPSTSLVIPLIGEYLLFTMIFVTL SIVITVFLNVHHRSPSTHNMPNWRVALLGR
 VPRWLMNRPLPPMELHGSPGLKLSPTYHWLETNMDAEEEREETEEEEEEEDENICMCAGLPDSSMGVLY
 GHGSLHLRAMGPEAKTPSQASEILLSPQIQKALEGVHYIADHLRSEDADSSVKEDWKYVAMVVDRIFLWL
 FIIVCFLGTIGLFLPPFLAGMI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_144803

ORF Size:

1539 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_144803.2</u> , <u>NP_659052.1</u>
RefSeq Size:	3527 bp
RefSeq ORF:	1539 bp
Locus ID:	110902
UniProt ID:	<u>Q91X60</u>
Cytogenetics:	14 34.36 cM
MW:	58.7 kDa