

Product datasheet for **RC213072A1V**

Human ARSA (NM_001085425) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ARSA (NM_001085425) AAV Particle
Tag:	Myc-DDK
Symbol:	ARSA
Synonyms:	ASA; MLD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC213072 representing NM_001085425
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGGGCACCGCGTCCCTCCTCTGGCCCTGGCTGCTGGCCTGGCCGTTGCCCGTCCGCCAACATCG
 TGCTGATCTTTGCCGACGACCTCGGCTATGGGGACCTGGGCTGCTATGGGCACCCAGCTCTACCACTCC
 CAACCTGGACCAGCTGGCGCGGGAGGGCTGCGGTTACAGACTTCTACGTGCCTGTGTCTCTGTGCACA
 CCCTCTAGGGCGCCCTCCTGACCGGCCGGCTCCCGGTTGCGATGGGCATGTACCCTGGCGTCTGGTGC
 CCAGCTCCCGGGGGGCTGCCCTGGAGGAGGTGACCGTGGCCGAAGTCTGGCTGCCGAGGCTACCT
 CACAGGAATGGCCGCAAGTGGACCTTGGGTGGGGCTGAGGGGGCTTCTGCCCCCCATCAGGGC
 TTCCATCGATTCTAGGCATCCCGTACTCCACGACCAGGGCCCTGCCAGAACCTGACCTGCTTCCCGC
 CGGCCACTCCTTGCACGGTGGCTGTGACAGGGCCTGGTCCCATCCACTGTTGGCCAACTGTCCGT
 GGAGGCGCAGCCCCCTGGCTGCCCGGACTAGAGGCCCGCTACATGGCTTTCGCCCATGACCTCATGGCC
 GACGCCACGCGCAGGATCGCCCTTCTTCTGTACTATGCCTCTCACCACACCCACTACCTCAGTTCA
 GTGGGCAGAGCTTTCAGAGCGTTCAGGCCGCGGGCCATTTGGGACTCCCTGATGGAGCTGGATGCAGC
 TGTGGGGACCTGATGACAGCCATAGGGGACCTGGGGCTGCTGAAGAGACGCTGGTCACTTCACTGCA
 GACAATGGACCTGAGACCATGCGTATGTCCCGAGGCGGCTGCTCCGGTCTTTCGGGTGTGGAAGGGAA
 CGACCTACGAGGGCGGTGTCCGAGAGCTGCTTGGCCTTCTGGCCAGGTCAATCGCTCCCGCGGTGAC
 CCACGAGCTGGCAGCTCCCTGGACCTGCTGCCTACCTGGCAGCCCTGGCTGGGGCCCCACTGCCAAT
 GTCACCTTGGATGGCTTTGACCTCAGCCCCCTGCTGCTGGGCACAGGCAAGAGCCCTCGGCAGTCTCT
 TCTTCTACCCGTCCTACCCAGACGAGGTCCGTGGGTTTTTGTGTGCGGAGTGGAAGTACAAGGCTCA
 CTCTTTCACCCAGGGCTCTGCCACAGTGATACCACTGCAGACCCTGCCTGCCACGCTCCAGCTCTCTG
 ACTGCTCATGAGCCCCGCTGCTCTATGACCTGTCCAAGGACCCTGGTGAGAACTACAACCTGCTGGGG
 GTGTGGCCGGGCCACCCAGAGGTGCTGCAAGCCCTGAAACAGCTTCAGCTGCTCAAGGCCAGTTAGA
 CGCAGCTGTGACCTTCGGCCCCAGCCAGGTGGCCGGGCGAGGACCCGCCCTGCAGATCTGCTGTCAT
 CCTGGTGCACCCCCCGCCAGCTTGTGCCATTGCCAGATCCCATGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MGAPRSLLLALAAGLAVARPPNIVLIFADDLGYDGLGCGHPSSTTPNLDQLAAGGLRFTDFYVPVSLCT
 PSRAALLTGRLPVRMGMPGVLPSSRGGPLEEVTVAEVLAAAGYL TGMAGKWHLVGVPEGAFLPPHQG
 FHRFLGIPYSHDQGPCQNL TCFPPATPCDGGCDQGLVPIPLLANLSVEAQPPWLPGLEARYMAFAHDLMA
 DAQRQDRPFFLYYASHHHTYPQFSGQSFAERSGRGPFGDSLMELDAAVGTLMTAIGDLGLEETLVIFTA
 DNGPETMRMSRGCSGLLRGKGTTYEGGVREPALAFWPGHIA PGVTHELASSLDLLPTLAALAGAPLPN
 VTLDGFDLSPLLLGTGKSPRQSLFFYPSYPDEVRGVFAVRSGKYKAHFFTQGSASHSDTTADPACHASSSL
 TAHEPPLLYDLKDPGENYNLLGGVAGATPEVLQALKQLQLLKAQLDAAVTFGPSQVARGEDPALQICCH
 PGCTPRPACCHCPDPA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001085425

ORF Size:

1527 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_001085425.1</u>
RefSeq Size:	1966 bp
RefSeq ORF:	1530 bp
Locus ID:	410
UniProt ID:	<u>P15289</u>
Cytogenetics:	22q13.33
MW:	53.81 kDa