

Product datasheet for **RC204319A1V**

Human ARSA (NM_000487) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ARSA (NM_000487) 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:**

>RC204319 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

 ATGGGGGACCGCGGTCCTCCTCTGGCCCTGGCTGCTGGCCTGGCCGTTGCCCGTCCGCCCAACATCG
TGCTGATCTTTGCCGACGACCTCGGCTATGGGGACCTGGGCTGCTATGGGCACCCAGCTCTACCACTCC
CAACCTGGACCAGCTGGCGGCGGAGGGCTGCGGTTACAGACTTCTACGTGCCTGTGTCTCTGTGCACA
CCCTCTAGGGCGCCCTCCTGACCGGCCGGCTCCCGGTTGCGATGGGCATGTACCCTGGCGTCTGGTGC
CCAGCTCCCGGGGGGCTGCCCTGGAGGAGGTGACCGTGGCCGAAGTCTGGCTGCCGAGGCTACCT
CACAGGAATGGCCGCAAGTGGACCTTGGGTGGGGCTGAGGGGGCTTCTGCCCCCCATCAGGGC
TTCCATCGATTTCTAGGCATCCCGTACTCCACGACCAGGGCCCTGCCAGAACCTGACCTGCTTCCCGC
CGGCCACTCCTTGCACGGTGGCTGTGACAGGGCCTGGTCCCATCCACTGTTGGCCAACTGTCCGT
GGAGGCGCAGCCCCCTGGCTGCCCGGACTAGAGGCCCGCTACATGGCTTTCGCCCATGACCTCATGGCC
GACGCCACGCGCAGGATCGCCCTTCTTCTGTACTATGCCTCTCACCACACCCACTACCTCAGTTCA
GTGGGCAGAGCTTTCAGAGCGTTCAGGCCGCGGGCCATTTGGGACTCCCTGATGGAGCTGGATGCAGC
TGTGGGGACCTGATGACAGCCATAGGGGACCTGGGGCTGCTGAAGAGACGCTGGTCACTTCACTGCA
GACAATGGACCTGAGACCATGCGTATGTCCCGAGGCGGCTGCTCCGGTCTCTTGGCGTGTGAAAGGGAA
CGACCTACGAGGGCGGTGTCCGAGAGCCTGCCTTGGCCTTCTGGCCAGGTCAATCGCTCCCGCGGTGAC
CCACGAGCTGGCAGCTCCCTGGACCTGCTGCCTACCTGGCAGCCCTGGCTGGGGCCCCACTGCCCAAT
GTCACCTTGGATGGCTTTGACCTCAGCCCCCTGCTGCTGGGCACAGGCAAGAGCCCTCGGCAGTCTCTCT
TCTTCTACCCGTCCTACCCAGACGAGGTCCGTGGGTTTTTGTGTGCGGAGTGGAAAGTACAAGGCTCA
CTTCTTACCCAGGGCTCTGCCACAGTGATACCACTGCAGACCCTGCCTGCCACGCTCCAGTCTCTG
ACTGCTCATGAGCCCCGCTGCTCTATGACCTGTCCAAGGACCCTGGTGAGAACTACAACCTGCTGGGG
GTGTGGCCGGGCCACCCAGAGGTGCTGCAAGCCCTGAAACAGCTTCAGCTGCTCAAGGCCAGTTAGA
CGCAGCTGTGACCTTCGGCCCCAGCCAGGTGGCCGGGCGAGGACCCGCCCTGCAGATCTGCTGTCAT
CCTGGTGCACCCCCCGCCAGCTTGTGCCATTGCCAGATCCCATGCC

 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204319 protein sequence

Red=Cloning site Green=Tags(s)

 MGAPRSLLLALAAGLAVARPPNIVLIFADDLGYDGLGCGHPSSTTPNLDQLAAGGLRFTDFYVPVSLCT
PSRAALLTGRLPVRMGMPGVLPSSRGGPLEEVTVAEVLAAAGYL TGMAGKWHLGVGPEGAF LPPHQG
FHRFLGIPYSHDQGPCQNL TCFPPATPCDGGCDQGLVPIPLLANLSVEAQPPWLPGL EARYMAFAHDLMA
DAQRQDRPFFLYYASHHHTYPQFSGQSFAERSGRGPF GDSLMELDAAVGTLMTAIGDLGLEETLVIFTA
DNGPETMRMSRGCSGLLRGKGTTYEGGVREPALAFWPGHIA PGVTHELASSLDLLPTLAALAGAPLPN
VTLDGFDLSPLLLGTGKSPRQSLFFYPSPYDEVRGVFAVRSGKYKAHFF TQGSASHSDTTADPACHASSSL
TAHEPPLLYDL SKDPGENYNLLGGVAGATPEVLQALKQLQLLKAQLDAAVTFGPSQVARGEDPALQICCH
PGCTPRPACCHCPDPA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000487

ORF Size:

1521 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_000487.3</u>
RefSeq Size:	4325 bp
RefSeq ORF:	1530 bp
Locus ID:	410
UniProt ID:	<u>P15289</u>
Cytogenetics:	22q13.33
MW:	53.6 kDa