

Product datasheet for **RC214604A1V**

Human ARSB (NM_000046) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ARSB (NM_000046) AAV Particle
Tag:	Myc-DDK
Symbol:	ARSB
Synonyms:	ASB; G4S; MPS6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC214604 representing NM_000046
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGGTCGCGCGCGCGCGGAGCTTCCCCGAGGCCCGGACCTCGCGGCTGCTCCTCCCCGTCGTC
 TCCCGCTGCTGCTGCTGCTGTTGTTGGCGCCCGGGCTCGGGCGCCGGGGCCAGCCGGCCGCCACCT
 GGTCTTCTTGCTGGCAGACGACCTAGGCTGGAACGACGTCGGCTTCCACGGCTCCCGCATCCGCACGCCG
 CACCTGGACGCGCTGGCGGCCGGCGGGGTGCTCCTGGACAATACTACACGACGCGCTGTGCACGCCGT
 CGCGGAGCCAGCTGCTACTGGCCGCTACCAGATCCGTACAGGTTTACAGCACCATAAATCTGGCCCTG
 TCAGCCAGCTGTGTTCTCTGGATGAAAACTCTGCCCCAGCTCCTAAAAGAAGCAGGTTATACTACC
 CATATGGTCGGAATGACACCTGGGAATGTACCGAAAGAATGCCTTCAACCCGCGGAGGATTTGATA
 CCTACTTTGGATATCTCTGGGTAGTGAAGATTATTATCCCATGAACGCTGTACATTAATTGACGCTCT
 GAATGTACACGATGTGCTCTTGATTTTCGAGATGGCGAAGAAGTTGCAACAGGATATAAAATATGTAT
 TCAACAAACATATTACCAAAAGGGCTATAGCCCTCATAACTAACCATCCACCAGAGAAGCCTCTGTTTC
 TCTACCTTGCTCTCCAGTCTGTGCATGAGCCCCCTTCAGGTCCCTGAGGAATACTGAAGCCATATGACTT
 TATCCAAGACAAGAACAGGCATCACTATGCAGGAATGGTGTCCCTTATGGATGAAGCAGTAGGAAATGTC
 ACTGCAGCTTTAAAAGCAGTGGGCTCTGGAACAACACGGTGTTCATCTTTCTACAGATAACGGAGGGC
 AGACTTTGGCAGGGGTAATAACTGGCCCTTCGAGGAAGAAAATGGAGCCTGTGGGAAGGAGGCGTCCG
 AGGGGTGGGCTTTGTGGCAAGCCCTTGTGAAGCAGAAGGGCGTGAAGAACCGGAGCTCATCCACATC
 TCTGACTGGCTGCCAACACTCGTGAAGTGGCCAGGGGACACCAATGGCACAAGCCTCTGGATGGCT
 TCGACGTGTGGAAGAACCATCAGTGAAGGAAGCCATCCCCAGAATTGAGCTGCTGCATAATATTGACCC
 GAACCTTGTGGACTCTTACCGTGTCCAGGAACAGCATGGCTCCAGCAAAGGATGACTCTTCTCTTCCA
 GAATATTCAGCCTTTAACACATCTGTCCATGCTGCAATTAGACATGGAATTGGAAGTCTCACGGGCT
 ACCCAGGCTGTGGTTACTGGTCCCTCCACCGTCTCAATAACAATGTTTCTGAGATACCCTCATCAGACCC
 ACCAACCAAGACCCTCTGGCTCTTTGATATTGATCGGGACCCTGAAGAAAGACATGACCTGTCCAGAGAA
 TATCTCACATCGTCACAAAGCTCCTGTCCGCCTACAGTTCTACCATAAACACTCAGTCCCCGTGTACT
 TCCCTGCACAGGACCCCGCTGTGATCCCAAGGCCACTGGGGTGTGGGCCCTTGGATG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MGPRGAASLPRGPGPRRLLLPVVLPLLLLLLAPPGSGAGASRPHLVFLLADDLGWNDVGFHGSRI RTP
 HLDALAAGGVLLDNYTQPLCTPSRSQLLTGRYQIRTGLQHQIIWPCQPSCVPLDEKLLPQLLKEAGYTT
 HMGKWLHLMYRKECLPTRRGFDYFYGLLGSEDIYSHERCTLIDALNVTRCALDFRDGEEVATGYKNMY
 STNIFTKRAIALITNHPPEKPLFLYLALQSVHEPLQVPEEYLPYDFIQDKNRHHYAGMVSMLMDEAVGNV
 TAALKSSGLWNNTVFIIFSTDNGGQTLAGNNWPLRGRKWSLWEGGVRGVGFVAPLLKQKGVKNRELIHI
 SDWLPTLVKLARGHTNGTKPLDGFVWKTISEGSPSPRIELHNIDPNFVDSSPCPRNSMAPAKDDSSLP
 EYSAFNSTSVHAAIRHGNWKLITGYPGCYWFPSPSYNVSEIPSSDPPTKTLWLFIDIDRDPEERHDL SRE
 YPHIVTKLLSRLQFYHKHSVPVYFPAQDPRCDPKATGVWGPWM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000046

ORF Size:

1599 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_000046.2</u>
RefSeq Size:	6089 bp
RefSeq ORF:	1602 bp
Locus ID:	411
UniProt ID:	<u>P15848</u>
Cytogenetics:	5q14.1
MW:	59.69 kDa