

Product datasheet for **RC216971A1V**

Human AIRE (NM_000658) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human AIRE (NM_000658) AAV Particle
Tag: Myc-DDK
Symbol: AIRE
Synonyms: AIRE1; APECED; APS1; APSI; PGA1
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC216971 representing NM_000658
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGTTGGTGTACAGTTCGGGGCCCTGGAACGCAGCAGCCTGCAAGAAACCGGTTTTCTCCCAA
TAGGGATGGCCCCGGGGGTGTCTGTTGGAGACCAGATGGATGGGGAACAGGTGGTCAGGGCAGAATTTCC
AGGCCCTGGCAGCATGGGAGCAGGGCAGAGACTGGGGAGTTCAGGTACCCAGAGATGCTGCTGGGGGAGC
TGTTTTGGGAAGGAGGTGGCTCTCAGGAGGGTGTGCACCCAGCCAGTCTGCATGGCGTCTCTTGCC
TGTGCCAGAAGAATGAGGACGAGTGTCCGTGTGTCGGGACGGGGGAGCTCATCTGCTGACGGCTG
CCCTCGGGCCTTCCACCTGGCCTGCCTGTCCCTCCGCTCCGGGAGATCCCAAGTGGGACCTGGAGGTGC
TCCAGCTGCCTGCAGGCAACAGTCCAGGAGGTGCAGCCCCGGGAGAGGAGCCCCGGCCCCAGGAGCCAC
CCGTGGAGACCCCGCTCCCCCGGGCTTAGGTCGGCGGGAGAGGAGGTAAGAGGTCCACCTGGGGAACC
CCTAGCCGGCATGGACACGACTTTGTCTACAAGCACCTGCCGCTCCGCCTTCTGCAGCCCCGCTGCCA
GGGCTGGACTCCTCGGCCCTGCACCCCTACTGTGTGGGTCTGAGGGTCAGCAGAACCTGGCTCCTG
GTGCGGTTGCGGGGTGTGCGGAGATGGTACGGACGTGCTGCGGTGACTCACTGCGCCGCTGCCTTCCA
CTGGCGCTGCCACTTCCAGCCGGCACCTCCCGCCCGGACGGGCTGCGCTGCAGATCCTGCTCAGGA
GACGTGACCCAGCCCCGTGGAGGGGTGCTGGCCCCAGCCCCGCCCCCTGGCCCCGGGCTGCCA
AGGATGACACTGCCAGTACAGCCCGCTCTGCACAGGGATGACTGGAGTCCCTTCTGAGCGAGCACAC
CTTCGATGGCATCCTGCAGTGGGCCATCCAGAGCATGGCCCGTCCGGCGGCCCTTCCCCTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC216971 representing NM_000658 Red=Cloning site Green=Tags(s) MWLVYSSGAPGTQQPARNRVFFPIGMAPGGVCWRPDGWTGGQGRI SGPGSMGAGQRLGSSGTQRCCWGS CFGKEVALRRVLHPSVCMGVSCLCQKNEDECAVCRDGGELICCDGCPRAFHLACLSPPLREIPSGTWRC SSCLQATVQEVQPRAEPRPQEPVETPLPPGLRSAGEEVRGPPGEPLAGMDTTLVYKHL PAPP SAAPLP GLDSSALHPLL CVGPEGQQLAPGARGVCGDGTDLRCTHCAA AFHWRCHFPAGTSRPGTGLRCRSCSG DVT PAPVEGLAPSPARLAPGPAKDDTASHEPALHRDDLESLLSEHTFDGILQWAIQSMARPAAPFPS TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000658
ORF Size:	1044 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_000658.1</u> , <u>NP_000649.1</u>
RefSeq Size:	1545 bp
RefSeq ORF:	1046 bp
Locus ID:	326
Cytogenetics:	21q22.3
MW:	36.3 kDa