

Product datasheet for **RC202149A1V**

Human ICA1 (NM_004968) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ICA1 (NM_004968) AAV Particle
Tag:	Myc-DDK
Symbol:	ICA1
Synonyms:	ICA69; ICAp69
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC202149 representing NM_004968
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCAGGACACAAATGTTATCCCTGGGACTTACAGGATCGATATGCTCAAGATAAGTCAGTTGTAATA
 AGATGCAACAGAAATATTGGGAGACGAAGCAGGCCTTTATTAAGCCACAGGGAAGAAGGATGAACA
 TGTTGTTGCCTCTGACGCGGACCTGGATGCCAAGCTAGAGCTGTTTCATTCAATTCAGAGAACCTGTCTG
 GACTTATCGAAAGCAATTGACTCTATCAAAGAGGATATGTTTCTTGTCTCAAGAAGAAAACGAACTGG
 GAAAAATTTCTTCGATCCCAAGTTTCCAAGATAAAACCAGAGCAGGAAAGATGATGCAAGCGACAGGAAA
 GGCCCTCTGCTTTTCTCCAGCAAAGTTTGGCCTTACGAAATCCTTTGTGTGATTTACCAAGAAGTG
 GAGACTTTTCGGCATCGGGCCATCTCAGATACTGGCTGACGGTGAACCGCATGGAACAGTGCAGGACGG
 AATATAGAGGAGCACTATTATGGATGAAGGACGTGTCTCAGGAGCTTGATCCAGACCTCTACAAGCAAT
 GGAGAAGTTCCAGGAAGGTACAAACACAAGTGCCTTGCACAAAAAATTTGACAAATTGAAGATGGAT
 GTTTGTCAAAAAGTGGATCTTCTTGGAGCGAGCAGATGCAATCTCTTGTCTCACATGCTAGCAACATACC
 AGACCCTCTGCTTCATTTTTGGGAGAAAACCTCTCACACTATGGCAGCCATCCATGAGAGTTTCAAAGG
 TTATCAACCATATGAATTTACTACTTTAAAGAGCTTACAAGACCTATGAAAAAATAGTTGAGAAAAGAA
 GAGAAGAAGAAAATCAACCAGCAGGAAAGTACAGATGCAGCCGTGCAGGAGCCGAGCCAAATTAATTTTCA
 TAGAGGAAGAAAACAGCGCAAGGAATCCTCTAGTTTTAAGACTGAAGATGGAAGAAAGTATTTTATCTGC
 CTTAGACAAAGGCTCTACACATACTGCATGCTCAGGACCCATAGATGAACTATTAGACATGAAATCTGAG
 GAAGGTGCTTGCCTGGGACCAGTGGCAGGGACCCGGAACCTGAAGGTGCTGACAAAGATGACCTGCTGC
 GTTTGAGTGAGATCTTCAATGCTTCTCTTGGAGAGGGCGAGTTTCAGCAAAGAGTGGGCGCTGTGTT
 TGGAGACGGCCAAGTGAAGGAGCCAGTGCCACTATGGCCTGGGAGAGCCAGACCCCAAGGCCAGACA
 GGCTCAGGTTTCTTCTTTCGACGCTTTTAGACCAAAATATGAAAGACTTACAGGCTCGCTACAAGAAC
 CTGCTAAGGCTGCCTCAGACCTGACTGCCTGGTTCAGCCTCTTCGCTGACCTCGACCCACTCTCAAATCC
 TGATGCTGTTGGGAAAACCGATAAAGAACACGAATTGCTCAATGCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSGHKCYPWDLQDRYAQDKSVVNKMQQKYWETKQAFIKATGKKEDEHVVASDADLDAKLELFHSHIQRCL
 DLSKAIVLVYQKRICFLSQEENELGKFLRSQGFQDKTRAGKMMQATGKALCFSSQQLALRNPLCRFHQEV
 ETRFRHRAISDTWLTVNRMEQCRTEYRGALLWMKDVSQELDPDLYKQMEKFRKVQTVVRLAKKNFDKLMKD
 VCQKVDLLGASRCNLLSHMLATYQTTLLHFWEKTSHTMAAIHESFKGYQPYEFTLTKSLQDPMKKLVEKE
 EKKKINQQUESTDAAVQEPSQLISLEENQRKESSEFKTEDGKSILSALDKGSTHTACSGPIDELDMKSE
 EGACLGPVAGTPEPEGADKDDLLLLSEIFNASSLEEDEFKEWAAVFGDGQVKEPVPTMALGEPDPKAQT
 GSGFLPSQLLDQNMKDLQASLQEPAKAASDLTAWFSLFADLDPLSNPDAVGKTDKEHELLNA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_004968

ORF Size:

1446 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_004968.2</u> , <u>NP_004959.2</u>
RefSeq Size:	2396 bp
RefSeq ORF:	1452 bp
Locus ID:	3382
UniProt ID:	<u>Q05084</u>
Cytogenetics:	7p21.3
MW:	54.5 kDa