

Product datasheet for **RC226813A1V**

Human ICA1 (NM_001136020) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ICA1 (NM_001136020) 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:

>RC226813 representing NM_001136020
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCAGGACACAAATGTTATCCCTGGGACTTACAGGATCGATATGCTCAAGATAAGTCAGTTGTAATA
 AGATGCAACAGAAATATTGGGAGACGAAGCAGGCCTTTATTAAGCCACAGGGAAGAAGGATGAACA
 TGTTGTTGCTCTGACGCGGACCTGGATGCCAAGCTAGAGCTGTTTCATTCAATTCAGAGAACCTGTCTG
 GACTTATCGAAAGCAATTGACTCTATCAAAAGAGGATATGTTTCTTGCTCAAGAAGAAAACGAACTGG
 GAAAAATTTCTTCGATCCCAAGGTTTCAAGATAAAACCAGAGCAGGAAAGATGATGCAAGCGACAGGAAA
 GGCCCTCTGCTTTTCTCCAGCAAAGTTGGCCTTACGAAATCCTTTGTGTCGATTTACCAAGAAGTG
 GAGACTTTTCGGCATCGGGCCATCTCAGATACTGGCTGACGGTGAACCGCATGGAACAGTGCAGGACGG
 AATATAGAGGAGCACTATTATGGATGAAGGACGTGTCTCAGGAGCTTGATCCAGACCTCTACAAGCAAT
 GGAGAAGTTCAGGAAGGTACAAACACAAGTGCGCCTTGCAAAAAAACTTTGACAAATTGAAGATGGAT
 GTTTGTCAAAAAGTGGATCTTCTTGAGCGAGCAGATGCAATCTCTTGCTCAGATGCTAGCAACATACC
 AGACCACTCTGCTTCATTTTGGGAGAAAACCTCTCAGCTATGGCAGCCATCCATGAGAGTTTCAAAGG
 TTATCAACCATATGAATTTACTACTTTAAAGAGCTTACAAGACCCTATGAAAAAATAGTTGAGAAAAGAA
 GAGAAGAAGAAAATCAACCAGCAGGAAAGTACAGATGCAGCCGTGCAGGAGCCGAGCCAAATTAATTTTAT
 TAGAGGAAGAAAACAGCGCAAGGAATCCTCTAGTTTAAAGACTGAAGATGGAAGAAAGTATTTTATCTGC
 CTTAGACAAAGGCTCTACACATACTGCATGCTCAGGACCCATAGATGAACTATTAGACATGAAATCTGAG
 GAAGGTGCTTGCTGGGACCAAGTGGCAGGACCCCGAACCTGAAGGTGCTGACAAAGATGACCTGCTGC
 TGTTGAGTGAGATCTTCAATGCTTCTCTTGAAGAGGGCGAGTTCAGCAAAGAGTGGGCGCTGTGTT
 TGGAGACGGCCAAGTGAAGGAGCCAGTGCCCACTATGGCCTGGGAGAGCCAGACCCCAAGGCCAGACA
 GGCTCAGGTTTCTTCTTCTCGCAGCTTTTAGACCAAAATATGAAAGACTTACAGGCCTCGCTACAAGAAC
 CTGCTAAGGCTGCCTCAGACCTGACTGCCTGGTTCAGCCTCTTCGCTGACCTCGACCCACTCTCAATCC
 TGATGCTGTTGGGAAAACCGATAAAGAACACGAATTGCTCAATGCA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSGHKCYPWDLQDRYAQDKSVVNKMQQKYWETKQAFIKATGKKEDEHVVASDADLDAKLELFHSIQRTCL
 DLSKAIIVLYQKRICFLSQEENELGKFLRSQGFQDKTRAGKMMQATGKALCFSSQQLALRNPLCRFHQEV
 ETFRHRAISDTWLTVNRMEQCRTEYRGALLWMKDVSQELDPDL YKQMEKFRKVQTQVRLAKKNFDKLKMD
 VCQKVDLLGASRCNLLSHMLATYQTTLLHFWEKTSHTMAAIHESFKGYQPYEFTTLKSLQDPMKKLVEKE
 EKKKINQQUESTDAAVQEPSQLISLEENQRKESSSFKTEDGKSILSALDKGSTHTACSGPIDELDMKSE
 EGACLGPVAGTPEPEGADKDDLLLSEIFNASSLEEGEFSKEWAAVFGDGQVKEPVPTMALGEPDPKAQT
 GSGFLPSQLLDQNMKDLQASLQEPAKAASDLTAWFSLFADLDPLSNPDVAGKTDKEHELLNA

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001136020

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_001136020.1</u>
RefSeq ORF:	1452 bp
Locus ID:	3382
UniProt ID:	<u>Q05084</u>
Cytogenetics:	7p21.3
MW:	54.5 kDa