

Product datasheet for **RC201863A1V**

Human ASC1 (TRIP4) (NM_016213) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ASC1 (TRIP4) (NM_016213) AAV Particle
Tag:	Myc-DDK
Symbol:	TRIP4
Synonyms:	ASC-1; ASC1; HsT17391; MDCDC; SMABF1; ZC2HC5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC201863 representing NM_016213
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGTGGCTGGGGCGGTGTCCGGGAGCCGCTGGTGCACCCAGCAGTTGCGGAAGACTT
 TCGGCCTGGATGTCAGCGAGGAGATCATTCAGTACGTTTTGTCAATTGAGAGTGCTGAAGAGATACGAGA
 ATATGTTACTGATCTCCTCCAGGAAATGAAGGCAAAAAAGGTCAATTCATAGAAGAAGTTATAACCAAA
 TGGCAAAAGATGATCAGGAGTTGATTTGCGATCCTTTGCAGCAGTGCTTCAAAAAAGATGAAATTTAG
 ATGGGCAGAAATCAGGCGACCATCTAAAGCGGGGTAGGAAGAAAGGGAGAAACAGACAGGAAGTTCTGC
 ATTTACTGAACCTGACACGACTGCAGAGGTTAAACACCTTTTGATTTGGCCAAGGCACAAGAGAACAGC
 AACTCCGTAAGAAGAAGACAAAGTTTGTCAATTTATACACAAGAGAGGGACAGGACAGGCTTGCACTCC
 TGCTCCCTGGTCGTACCCTTGTGATTGCCTGGGCCAGAAGCACAAGCTCATCAATAACTGTCTGATCTG
 TGGGCGCATTGTCTGTGAACAAGAAGGCTCAGGCCCTTGCTTATTCTGTGGCACTCTGGTGTGACTCAT
 GAGGAACAAGATATTTTACAGCGTGACTCAACAAGAGCCAGAACTGCTAAAGAACTCATGTCAAGGAG
 TGGAGAATTCTGGAAGGTGGACATCTCTACCAAGGACCTTCTTCTCATCAAGAATTGCGAATTAAGTC
 TGGTCTGGAGAAGGCTATCAAGCATAAAGACAACTGTTAGAGTTTGACAGAAGTATTCGAAGGACC
 CAAGTCATTGATGATGAGTCAGATTACTTTGCCAGTGATTCTAACCAATGGTTGTCCAACTTGAGCGGG
 AAACCTTGAGAAGCGAGAGGAGGAGCTGAGAGAACTTCGACACGCCTCTCGACTTTCTAAGAAGGTCAC
 CATTGACTTTGCAGGAAGGAAGATCCTGGAAGAAGAAAATTCCTAGCAGAGTATCATAGCAGACTAGAT
 GAGACAATACAGGCCATTGCCAATGGAACCTTGAACAGCCACTGACCAATTTGGATAGATCTTCTGAAG
 AGCCTTTGGGAGTTCTGGTAAATCCCAACATGTACCAGTCCCCTCCCCAGTGGGTTGACCACACAGGTGC
 AGCCTCACAGAAGAAGGCTTTCCGTTCTCAGGATTTGGACTAGAGTTCAACTCATTTCAGCACCAGCTG
 CGAATCCAGGATCAAGAATTTAGGAAGGCTTTGATGGTGGCTGGTGCCTCTCTGTACATCAGCCCTGGG
 CTTCTCTGCTGTGAGAGGATTAAGGGTGGAGGCGAGATCCTGGTACACCCCCACAGAGGACGACT
 TTGGATAGCAGCCACAGCTAAAAACCTCCCCTCAAGAAGTCTCAGAACTCCAGGCTACATATCGTCTT
 CTTCTGGGAAAGATGTGAATTTCTAATGACTATCCGTGAGTTGTCTTCTGGGCTGTGTGGACCTAA
 TTGACTGCTTGTCCAGAAGCAATTTAAGGAGCAGTTCCAGACATCAGTCAAGAATCTGATTCTCCATT
 TGTTTTCATCTGCAAAAATCCTCAGGAAATGGTTGTGAAGTTTCTATTAAAGGAAATCCAAAAATCTGG
 AATTGGATTCCAAGATCCATCAAGGAGCAAGAAGGGGTTAATGAAGCAGAATAAAGCTGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAVAGAVSGEPLVHWCTQQLRKTFGLDVSEIIQYVLSIESAEEIREYVTDLLQNEGKKQGFIEELITK
 WQKNDQELISDPLQQCFKKDEILDGQKSGDHLKRGRKKGRNRQEVPAFTPEPDTTAEVKTPFDLAKAQENS
 NSVKKKTKFVNLYTREGQDRLAVLLPGRHPCDCLGQKHKLINNCLICGRIVCEQEGSGPCLFCGLTVCTH
 EEQDILQRDSNKSQKLLKLMGVSNSGKVDISTKDLLPHQELRIKSGLEKAIKHDKLLEFDRTSIRRT
 QVIDDESDFASDSNQWLSKLERETLQKREEELRELRLHASRLSKKVTIDFAGRKILEENSLAEYHSRLD
 ETIQAIANGTLNQPLTKLDRSSEELGVLVNPVMYQSPQWVDHTGAASQKKAFFRSSGFGLEFNSFQHQ
 RIQDQEFQEGFDGGWCLSVHQPWASLLVRGIKRVESWYTPHRGRLWIAATAKKPSPQEVSELQATYRL
 LRKGDVEFPNDYPSGCLLGCVLDLIDCLSQKQFKEQFPDISQESDSPFVFICKNPQEMVVKFPIKGNPKIW
 KLDSKIHQGAKKGLMKQNKAV

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDK**V**

Species:

Human

Serotype:

AAV-2

ACCN:	NM_016213
ORF Size:	1743 bp
Buffer:	PBS with 0.001% Pluronic F5240
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_016213.3</u>
RefSeq Size:	2044 bp
RefSeq ORF:	1746 bp
Locus ID:	9325
UniProt ID:	<u>Q15650</u>
Cytogenetics:	15q22.31
MW:	66 kDa