

Product datasheet for **RC215027A1V**

Human **ASAH2 (NM_019893)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ASAH2 (NM_019893) AAV Particle
Tag:	Myc-DDK
Symbol:	ASAH2
Synonyms:	BCDase; HNAC1; LCDase; N-CDase; NCDase
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC215027 representing NM_019893
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCAAACGCACCTTCTCTAACTTGGAGACATTCCTGATTTTCCTCCTTGTAAATGATGAGTGCCATCA
 CAGTGGCCCTTCTCAGCCTCTTGTTTATCACCAGTGGGACCATTGAAAACACAAAGATTAGGAGGCCA
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 CAGCATTCCACAGCCACCCAGAGCTCCACAGCCACTCAAACCTTCTCCAGTGCCTTTAACCCAGAGTCTC
 CTCTATTTTCAAACTTCAGTGGTACCATATTGGTGTGGACGAGCTGACTGCACAGGACAAGTAGCAGA
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 GCCTTCATCATGGCAGAACCTGATGGGTCCAATCGAACAGTGTGTGTCAGCATCGACATAGGCATGGTAT
 CCCAAAGGCTCAGGCTGGAGTCTGAACAGACTGCAGAGTAAATATGGCTCCCTGTACAGAAGAGATAA
 TGTCTCCTGAGTGGCACTCACACTCATTGAGTCTGCAGGATATTTCCAGTATACCGTGTGTGTAATT
 GCCAGTGAAGGATTTAGCAATCAAACCTTTTCAGCACATGGTCACTGGTATCTTGAAGAGCATTGACATAG
 CACACACAAATATGAAACCAGGCAAAATCTTCATCAATAAAGGAAATGTGGATGGTGTGCAGATCAACAG
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 ATGATAGTTTTGAAATGGTAGATTTGAATGGAGATGACTTGGGCCTTATCAGCTGGTTTGCCATCCACC
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 GGAGATGTGTCCCCAACATTCTTGGACCACGTTGCATCAACACAGGAGAGTCTGTGATAACGCCAATA
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 CCATCTGAAGAAATTAAGAATGTCATAAACCAAGGCCATCCTTCTTACACCGGAGAACTATCAAAAC
 CTCACCCCTGGCATCCAGACATTGTTGATGTTTCAAGTATTACCCTTGGGTCCTTGGCCATAACTGCCAT
 CCCCGGGGAGTTTACGACCATGTCTGGACGAAGACTTCGAGAGGCAGTTCAAGCAGAATTTGCATCTCAT
 GGGATGCAGAACATGACTGTTGTTATTTCAAGTCTATGCAACGTCTATACACATTACATTACCACTTATG
 AAGAATACCAGGCTCAGCGATATGAGGCAGCATCGACAATTTATGGACCGCACACATTATCTGCTTACAT
 TCAGCTCTTCAGAAACCTTGCTAAGGCTATTGCTACGGACACGGTAGCCAACCTGAGCAGAGGTCCAGAA
 CCTCCCTTTTTCAAACAATTAATAGTTCATTAATTCTAGTATTGTGGATAGAGCACCAAAAGGCAGAA
 CTTTCGGGGATGTCCTGCAGCCAGCAAAACCTGAATACAGAGTGGGGGAAGTTGCTGAAGTTATATTTGT
 AGGTGCTAACCCGAAGAATTCACTACAAAACAGACCCATCAGACCTTCTCACTGTGGAGAAATATGAG
 GCTACTTCAACATCGTGGCAGATAGTGTGAATGATGCCTCCTGGGAGACTCGTTTTTATTGGCACAAGG
 GACTCCTGGGTCTGAGTAATGCAACAGTGAATGGCATATTCCAGACACTGCCAGCCTGGAATCTACAG
 AATAAGATATTTTGGACACAATCGGAAGCAGGACATTCTGAAGCCTGCTGTACACTTTTCATTTGAAGGC
 ACTTCCCGGCTTTTGAAGTTGTAACATT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC215027 representing NM_019893 Red=Cloning site Green=Tags(s) MAKRTFSNLETFLIFLLVMSAITVALLSLLFITSGTIENHKDLGGHFFSTTQSPPATQGSTAAQRSTAT QHSTATQSSTATQTSPVPLTPESPLFQNFSGYHIGVGRADCTGQVADINLMGYGKSGQNAQGILTRLYSR AFIMAEPDGSNRTVFVSIDIGMVSQRLRLEVLNRLQSKYGSLYRRDNVILSGTHTHSGPAGYFYQYTVFVI ASEGFSNQTFQHMVTGILKSIDIAHTNMKPGKIFINKGNVDGVQINRSPYSYLQNPQSERARYSSNTDKE MIVLKMVDLNGDDLGLISWFAIHPVSMNNSNHLVNSDNVGYASYLLEQEKNKGYPGQGPVAAFASSNL GDVSPNILGPRCINTGESCDNANSTCPIGGPSMCIAGKPGQDMFDSTQIIGRAMYQRAKELYASASQEV GPLASAHQWVDMTDVTVWLNSTHASKTCKPALGYSFAAGTIDGVGGLNFTQGKTEGDPFWDITRDQILGK PSEEIKECHKPKPILLHTGELSKPHPWHPDIVDQIITLGLSLAITAIPGEFTTMSGRRLEAVQAEFASH GMQNMVTVISGLCNVYTHYITTYEYQAQRYEAASTIYGPHTLSAYIQLFRNLAKAIATDTVANLSRGPE PPFFKQLIVPLIPSIVDRAPKGRTFGDVLQPAKPEYRVGEVAEIVFGANPKNSVQNQTHQTFLTVEKYE ATSTSWQIVCNDASWETRFYWHKGLLGLSNATVEWHIPDTAQPGIYRIRYFGHNRKQDILKPAVILSFEG TSPAFEVVTI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_019893
ORF Size:	2340 bp
Buffer:	PBS with 0.001% Pluronic F7308
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_019893.1</u> , <u>NP_063946.2</u>
RefSeq Size:	2289 bp
RefSeq ORF:	2343 bp
Locus ID:	56624
UniProt ID:	<u>Q9NR71</u>
Cytogenetics:	10q11.23
MW:	83.1 kDa