

Product datasheet for **RC226789A1V**

Human **ASAH2 (NM_001143974)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ASAH2 (NM_001143974) 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:**

>RC226789 representing NM_001143974
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCAAACGCACCTTCTCTAACTTGGAGACATTCCTGATTTTCCTCCTTGTAAATGATGAGTGCCATCA
 CAGTGGCCCTTCTCAGCCTCTTGTTTATCACCAGTGGGACCATTTGAAAACACAAAGATTTAGGAGGCCA
 TTTTTTTTCAACCACCCAAAGCCCTCCAGCCACCCAGGGCTCCACAGCTGCCCAACGCTCCACAGCCACC
 CAGCATTCCACAGCCACCCAGAGCTCCACAGCCACTCAAACCTTCTCCAGTGCCTTTAACCCAGAGTCTC
 CTCTATTTTCAAACTTCAGTGGTACCATATTGGTGTGGACGAGCTGACTGCACAGGACAAGTAGCAGA
 TATCAATTTGATGGGCTATGGCAATCCGGCCAGAATGCACAGGGCATCCTACCAGGCTATACAGTCGT
 GCCTTCATCATGGCAGAACCTGATGGGTCCAATCGAACAGTGTGTGTGACATCGACATAGGCATGGTAT
 CACAAAGGCTCAGGCTGGAGTCTGAACAGACTGCAGAGTAAATATGGCTCCCTGTACAGAAGAGATAA
 TGTCTCCTGAGTGGCACTCACACTCATTGAGTCTGCAGGATATTTCCAGTATACCGTGTGTGTAATT
 GCCAGTGAAGGATTTAGCAATCAAACCTTTTCAGCACATGGTCACTGGTATCTTGAAGAGCATTGACATAG
 CACACACAAATATGAAACCAGGCAAAATCTTCATCAATAAAGGAAATGTGGATGGTGTGCAGATCAACAG
 AAGTCCGTATTCTTACCTTCAAATCCGCACTCAGAGAGAGCAAGGTATTCTTCAAATACAGACAAGGAA
 ATGATAGTTTTGAAATGGTAGATTTGAATGGAGATGACTTGGGCCTTATCAGCTGGTTTGCCATCCACC
 CGGTGACATGAACAACAGTAACCATCTTGTAAACAGTGACAATGTGGGCTATGCATCTTACCTGCTTGA
 GCAAGAGAAGAACAAGGATATCTACCTGGACAGGGGCCATTTGTAGCAGCCTTTGCTTCATCAAACCTA
 GGAGATGTGTCCCCAACATTCTTGACCACGTTGCATCAACACAGGAGAGTCTGTGATAACGCCAATA
 GCATTGTCTCCATTGGTGGGCTAGCATGTGCATTGCTAAGGGACCTGGACAGGATATGTTTGACAGCAC
 ACAAAATTATAGGACGGGCCATGTATCAGAGAGCAAAAGTCAAAAACATGTAAACCAGCATTGGGCTACAGT
 TTTGCAGCTGGCACTATTGATGGAGTTGGAGGCCCTCAATTTTACACAGGGGAAAACAGAAGGGGATCCAT
 TTTGGGACACCATTGCGGACAGATCCTGGGAAAGCCATCTGAAGAAATTAAGAATGTCATAAACCAAA
 GCCCATCCTTCTTACACCGGAGAACTATCAAACCTCACCCCTGGCATCCAGACATTGTTGATGTTTACAG
 ATTATTACCTTGGGTCCTTGGCCATAACTGCCATCCCCGGGGAGTTTACGACCATGTCTGGACGAAGAC
 TTCGAGAGGCAGTTCAAGCAGAAATTTGCATCTCATGGGATGCAGAACATGACTGTTGTTATTTAGGTCT
 ATGCAACGTCTATACACATTACATTACCACTTATGAAGAATACCAGGCTCAGCGATATGAGGCAGCATCG
 ACAATTTATGGACCGCACACATTATCTGCTTACATTGAGTCTTTCAGAAACCTTGCTAAGGCTATTGCTA
 CGGACACGGTAGCCAACCTGAGCAGAGGTCCAGAACCTCCCTTTTCAAACAATTAATAGTTCATTAAAT
 TCCTAGTATTGTGGATAGAGCACCAAAAGGCAGAACTTTCGGGGATGTCTGCAGCCAGCAAAACCTGAA
 TACAGAGTGGGGGAAGTTGCTGAAGTTATTTGTAGGTGCTAACCCGAAGAATTCAGTACAAAACCAGA
 CCCATCAGACCTTCTCACTGTGGAGAAATATGAGGCTACTTCAACATCGTGGCAGATAGTGTGTAATGA
 TGCTCCTGGGAGACTCGTTTTTATTGGCACAAGGGACTCCTGGGTCTGAGTAATGCAACAGTGGAAATGG
 CATATTCAGACACTGCCAGCCTGGAATCTACAGAATAAGATATTTTGGACACAATCGGAAGCAGGACA
 TTCTGAAGCCTGCTGTCATACTTTCATTTGAAGGCACCTCCCCGGCTTTTGAAGTTGTAACCTATT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC226789 representing NM_001143974 Red=Cloning site Green=Tags(s) MAKRTFSNLETFLIFLLVMSAITVALLSLLFITSGTIENHKDLGGHFFSTTQSPPATQGSTAAQRSTAT QHSTATQSSTATQTSPVPLTPESPLFQNFSGYHIGVGRADCTGQVADINLMGYGKSGQNAQGILTRLYSR AFIMAEPDGSNRTVFVSIDIGMVSQRLRLEVLNRLQSKYGSLYRRDNVILSGTHTHSGPAGYFQYTVFVI ASEGFSNQTFQHMVTGILKSIDIAHTNMKPGKIFINKGNVDGVQINRSPYSYLQNPQSERARYSSNTDKE MIVLKMVDLNGDDLGLISWFAIHPVSMNNSNHLVNSDNVGYASYLLEQEKNGYLPQGPFVAAFASSNL GDVSPNILGPRCINTGESCDNANSTCPIGGPSMCIAGPGQDMFDSTQIIGRAMYQRAKSKTCKPALGYS FAAGTIDGVGGLNFTQGKTEGDPFWDITRDQILGKPSEEIKECHKPKPILLHTGELSKPHWHPDIVDVQ IITLGLSLAITAIPGEFTTMSGRRLREAVQAEFASHGMQNMVVISGLCNVYTHYITTYEEYQAQRYEAS TIYGPHTLSAYIQLFRNLAKAIATDTVANLSRGPEPPFFKQLIVPLIPSIVDRAPKGRTFGDVLQPAKPE YRVGEVAEIVFGANPKNSVQNQTHQFTLTVEKYEATSTSWQIVCNDASWETRFYWHKGLLGLSNATVEW HIPDTAQPGIYRIRYFGHNRKQDILKPAVILSFEGTSPAFEVVTI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001143974
ORF Size:	2235 bp
Buffer:	PBS with 0.001% Pluronic F9186
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_001143974.1</u>
RefSeq Size:	2327 bp
RefSeq ORF:	2238 bp
Locus ID:	56624
UniProt ID:	<u>Q9NR71</u>
Cytogenetics:	10q11.23
MW:	82.2 kDa