

Product datasheet for **RC200349A1V**

Human SDHA (NM_004168) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SDHA (NM_004168) AAV Particle
Tag:	Myc-DDK
Symbol:	SDHA
Synonyms:	CMD1GG; FP; MC2DN1; NDAXOA; PGL5; SDH1; SDH2; SDHF
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC200349 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCGGGGTCCGGGGCTGTGCGGGCTGCTGAGCGCTCGGCGCTGGCGCTGGCCAAGGCGTGGCCAA
CAGTGTGGCAACAGGAACCCGAGGTTTTCACTTCACTGTTGATGGGAACAAGAGGGCATCTGCTAAAGT
TTCAGATTCCATTTCTGCTCAGTATCCAGTAGTGGATCATGAATTTGATGCAGTGGTGGTAGGCGCTGGA
GGGGCAGGCTTGCAGCTGCATTTGGCCTTTCTGAGGCAGGTTTAATACAGCATGTGTTACCAAGCTGT
TTCCTACCAGGTACACACTGTTGCAGCACAGGGAGGAATCAATGCTGCTCTGGGGAACATGGAGGAGGA
CAACTGGAGGTGGCATTTCTACGACACCGTGAAGGGCTCCGACTGGCTGGGGACAGGATGCCATCCAC
TACATGACGGAGCAGGCCCCCGCCCGTGGTCGAGCTAGAAAATTATGGCATGCCGTTTAGCAGAACTG
AAGATGGGAAGATTTATCAGCGTGCATTTGGTGGACAGAGCCTCAAGTTTGAAAGGGCGGGCAGGCCCA
TCGGTGTCTGTGTGGCTGATCGGACTGGCCACTCGCTATTGCACACCTTATATGGAAGGTCTCTGCGA
TATGATACCAGCTATTTTGTGGAGTATTTGCCTTGGATCTCCTGATGGAGAATGGGGAGTGCCGTGGTG
TCATCGCACTGTGCATAGAGGACGGGTCCATCCATCGCATAAGAGCAAAGAACACTGTTGTTGCCACAGG
AGGCTACGGGCGCACCTACTTCAGCTGCACGTCTGCCACACACAGCACTGGCGACGGCACGGCCATGATC
ACCAGGGCAGGCTTCTTGGCAGGACCTAGAGTTTGTTCAGTTCACCCACAGGCATATATGGTGCTG
GTTGTCTCATTACGGAAGGATGTCGTGGAGAGGGAGGCATTCTCATTAAAGTCAAGGCGAAAGGTTTAT
GGAGCGATACGCCCTGTGCGAAGGACCTGGCGTCTAGAGATGGTGTCTCGGTCCATGACTCTGGAG
ATCCGAGAAGGAAGAGGCTGTGGCCCTGAGAAAGATCAGTCTACCTGCAGCTGCACCACCTACCTCCAG
AGCAGCTGGCCACGCGCTGCCCTGGCATTTCAGAGACAGCCATGATCTTCGCTGGCGTGGACGTACGAA
GGAGCCGATCCCTGTCTCCCCACCGTGCATTATAACATGGGCGGCATTCCACCAACTACAAGGGGCAG
GTCCTGAGGCACGTGAATGGCCAGGATCAGATTGTGCCCGCCTGTACGCCTGTGGGAGGCCGCTGTG
CCTCGGTACATGGTGCCAACCGCTCGGGGCAAACTCGCTCTTGGACCTGGTGTCTTTGGTGGGCATG
TGCCCTGAGCATCGAAGAGTCATGCAGGCTGGAGATAAAGTCCCTCCAATTAACCAAACGCTGGGGAA
GAATCTGTGATGAATCTTGACAAATTGAGATTTGCTGATGGAAGCATAAGAATCGGAACGCGACTCA
GCATGCAGAAGTCAATGCAAAATCATGCTGCCGTGTTCCGTGTGGGAAGCGTGTGCAAGAAGGTTGTGG
GAAAATCAGCAAGCTCTATGGAGACCTAAAGCACCTGAAGACGTTGACCGGGGAATGGTCTGGAACACG
GACCTGGTGGAGACCCTGGAGCTGCAGAACCTGATGCTGTGTGCGCTGCAGACCATCTACGGAGCAGAGG
CACGGAAGGAGTCACGGGCGCGCATGCCAGGGAAGACTACAAGGTGCGGATTGATGAGTACGATTACTC
CAAGCCCATCCAGGGGCAACAGAAGAAGCCCTTTGAGGAGCACTGGAGGAAGCACACCCTGTCCTATGTG
GACGTTGGCACTGGGAAGGTCACTCTGGAATATAGACCCGTGATCGACAAAACCTTGAACGAGGCTGACT
GTGCCACCGTCCCGCCAGCCATTCGCTCCTAC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC200349 protein sequence Red=Cloning site Green=Tags(s) MSGVRGLSRLLSARRLALAKAWPTVLQTGTRGFHFTVDGNKRASAKVSDSISAQYPVVDHEFDVAVVGAG GAGLRAAFGLSEAGFNTACVTKLFPTRSHTVAAQGGINAALGNMEEDNWRWHFYDTVKGSDWLGDDAIH YMTEQAPAAVVELENYGMPFSRTEDGKIYQRAFGGQSLKFGKGGQAHRCVVADRTGHSLLHTLYGRSLR YDTSYFVEYFALDLLMENGEGRGVIALCIEDGSIHRIRAKNTVVATGGYGRTYFSCTSAHTSTGDGTAMI TRAGLPCQDLEFVQFHPTGIYGAGCLITEGCRGEGGILINSQGERFMERYAPVAKDLASRDVVSRSMTLE IREGRGCGPEKDHVYLQLHHLPEQLATRLPGISETAMIFAGVDVTKPIPVLPVHYNMGGIPTNYKGQ VLRHVNGQDQIVPGLYACGEAACASVHGANRLGANSLLDLVVFGRACALSIEESCRPGDKVPPIKPNAGE ESVMNLDKLRFADGSIRTSELRLSMQKSMQNHAHVFRVGSVLQEGCGKISKLYGDLKHLKTFDRGMVWNT DLVETLELQNLMLCALQTIYGAEARKESRGAHAREDYKVRIDEYDYSKPIQGQKKPFEEHWRKHTLSYV DVGTKVTLTYRPVIDKTLNEADCATVPPAIRSY TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004168
ORF Size:	1992 bp
Buffer:	PBS with 0.001% Pluronic F5046
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:	NM_004168.1
RefSeq Size:	2803 bp
RefSeq ORF:	1995 bp
Locus ID:	6389
UniProt ID:	P31040
Cytogenetics:	5p15.33
MW:	72.7 kDa