

Product datasheet for **RC209148A1V**

Human SCD1 (SCD) (NM_005063) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SCD1 (SCD) (NM_005063) AAV Particle
Tag:	Myc-DDK
Symbol:	SCD1
Synonyms:	FADS5; hSCD1; MSTP008; SCD1; SCDOS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC209148 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGGCCCACTTGCTGCAGGACGATATCTCTAGCTCCTATACCACCACCACCATTACAGCGCCTC
CCTCCAGGGTCTGCAGAATGGAGGAGATAAGTTGGAGACGATGCCCTCTACTTGAAGACGACATTCCG
CCCTGATATAAAAGATGATATATGACCCACCTACAAGGATAAGGAAGGCCAAGCCCAAGGTTGAA
TATGTCTGGAGAAACATCATCCTTATGTCTCTGCTACACTTGGGAGCCCTGTATGGGATCACTTTGATTC
CTACCTGCAAGTTCTACACCTGGCTTTGGGGGTATTCTACTATTTTGTGAGTCCCTGGGCATAACAGC
AGGAGCTCATCGTCTGTGGAGCCACCGCTTTACAAAGCTCGGCTGCCCTACGGCTCTTCTGATCATT
GCCAACACAATGGCATTCCAGAATGATGTCTATGAATGGGCTCGTGACCACCGTCCACCACAAGTTTT
CAGAAACACATGCTGATCCTCATAATCCCGACGTGGCTTTTTCTTCTCTCACGTGGGTTGGCTGCTTGT
GCGCAAACACCCAGCTGTCAAAGAGAAGGGGAGTACGCTAGACTTGTCTGACCTAGAAGCTGAGAAACTG
GTGATGTTCCAGAGGAGTACTACAAACCTGGCTTGTGCTGATGTGCTTCATCCTGCCACGCTTGTGC
CCTGGTATTTCTGGGTGAAACTTTTCAAACAGTGTGTTTCGTTGCCACTTTCTTGCATATGCTGTGGT
GCTTAATGCCACCTGGTGGTGAACAGTGTGCCACCTTTCGGATATCGTCCTATGACAAGAACATT
AGCCCCGGGAGAATATCCTGGTTTCACTTGGAGCTGTGGGTGAGGGTCCACAACCTACCACCCTCT
TTCCCTATGACTACTCTGCCAGTGAGTACCGCTGGCACATCAACTTCACCACATTCTTCATTGATGAT
GGCCGCCCTCGGTCTGGCTATGACCGAAGAAAGTCTCCAAGGCCCATCTTGGCCAGGATAAAAGA
ACCGGAGATGGAACTACAAGAGTGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC209148 protein sequence Red=Cloning site Green=Tags(s)</p> <p>MPAHL LQDDISSSYTTTTITAPPSRVLQNGGDKLETMPLYLEDDIRPDIKDDIYDPTYKDEGSPSPKVE YVWRNIILMSLLHLGALYGITL IPTCKFYTWLWGVFYYFVSALGITAGAHRLWSHRYSYKARLPLRFLII ANTMAFQNDVYEWARHDHRAHHKFSETHADPHNSRRGFFF SHVGWLLVRKHPAVKEKGSTLDLSDLEAEKL VMFQRRYYKPGLLLMCFILPTLVPWYFWGETFQNSVFVATFLRYAVVLNATWL VNSAAHLFGYRPPYDKNI SPRENILVSLGAVGEGFHNYHHSFPYDYSASEYRWHINF TTF IDCMAALGLAYDRKKVSKAAILARIKR TGDGNYKSG</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005063
ORF Size:	1077 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:	NM_005063.4
RefSeq Size:	5473 bp
RefSeq ORF:	1080 bp
Locus ID:	6319
UniProt ID:	Q00767
Cytogenetics:	10q24.31
MW:	41.5 kDa