

Product datasheet for **RC204362A1V**

Human SHC (SHC1) (NM_003029) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SHC (SHC1) (NM_003029) AAV Particle
Tag:	Myc-DDK
Symbol:	SHC
Synonyms:	SHC; SHCA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC204362 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAACAAGCTGAGTGGAGGCGCGGGCGCAGGACTCGGGTGAAGGGGCCAGCTTGGGGCGAGGAGT
 GGACCCGCCACGGGAGCTTTGTCAATAAGCCACGCGGGGCTGGCTGCATCCCAACGACAAAGTCATGGG
 ACCCGGGTTTCTACTTGTTTCGTTACATGGTTGTGTGAGGTCCTCCAGTCAATGCGTGCCCTGGAC
 TTCAACACCCGACTCAGGTACCAGGGAGGCCATCAGTCTGGTGTGTGAGGCTGTGCCGGTGCTAAGG
 GGGCGACAAGGAGGAGAAAGCCCTGTAGCCGCCGCTCAGTCTATCCTGGGAGGAGTAACCTGAAATT
 TGCTGGAATGCCAATCACTCTCACCGTCTCCACGAGCCTCAACCTCATGGCCGAGACTGCAACAG
 ATCATCGCAACACCACATGCAATCTATCTATTGCATCCGGCGGGATCCGACACAGCCGAGTATG
 TCGCTATGTTGCCAAAGACCTGTGAATCAGAGAGCCTGCCACATTCTGGAGTGTCCCAGGGGCTTGC
 CCAGGATGTCATCAGCACCATTGGCCAGGCCTTCGAGTTGCGCTTCAAACAATACCTCAGGAACCCACCC
 AAAGTGGTCACCCCTCATGACAGGATGGCTGGCTTTGATGGCTCAGCATGGGATGAGGAGGAGGAAGAGC
 CACCTGACCATCAGTACTATAATGACTTCCCGGGGAAGGAACCCCTTGGGGGGGTGGTAGACATGAG
 GCTTCGGGAAGGAGCCGCTCCAGGGGCTGCTCGACCCACTGCACCCAATGCCAGACCCCGACCACTTG
 GGAGCTACATTGCCTGTAGGACAGCCTGTTGGGGGAGATCCAGAAGTCCGCAACAGATGCCACCTCCAC
 CACCCTGTCCAGCAGGACGAGAGCTTTTGTATGATCCCTCCTATGTCAACGTCCAGAACCTAGACAAGGC
 CCGGAAGCAGTGGGTGGTGTGGGCCCCCAATCCTGCTATCAATGGCAGTGCACCCCGGACCTGTTT
 GACATGAAGCCCTTGAAGATGCTCTTCGCGTGCCTCCACCTCCCACTCGGTGTCCATGGCTGAGCAGC
 TCCGAGGGGAGCCCTGTTCCATGGGAAGCTGAGCCGGCGGGAGGCTGAGGCAGTGTGCAGTCAATGG
 GGACTTCTGGTACGGGAGAGCACGACACACCTGGCCAGTATGTGCTCACTGGCTTGACAGAGTGGGACG
 CCTAAGCATTTGCTACTGGTGGACCCTGAGGTGTGGTTCGGACTAAGGATCACCCTTTGAAAGTGTC
 GTCACCTTATCAGCTACCACATGGACAATCACTTGCCCATCATCTCTGCGGGCAGCGAACTGTGTCTACA
 GCAACCTGTGGAGCGGAACTG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204362 protein sequence
 Red=Cloning site Green=Tags(s)

MNKLSGGGRRTRVEGGQLGGEWTRHGSFVNKPTRGWLHPNDKVMGPGVSYLVRYMGCVEVLQSMRALD
 FNTRTQVTREAIISLVCEAVPGAKGATRRRKPCSRPLSSILGRSNLKFAGMPITLTVSTSSLNLMAADCKQ
 IIANHHMQSISFASGGPDTAIEYVAYVAKDPVNQRACHILECPEGLAQDVISTIGQAFELRFKQYLRNPP
 KLVTPHDRMAGFDGSAWDEEEEEPPDHQYYNDFPGKEPPLGGVDMRLREGAAPGAARPTAPNAQTPSHL
 GATLPVGQPVGGDPEVRKQMPPPPPCPAGRELFDPSYVNVQNLDKARQAVGGAGPPNPAINGSAPRDLF
 DMKPFEDALRVPPPPQSVSMAEQLRGEPWFHGKLSRREAEALLQLNGDFLVRESTTTPGQYVLTGLQSGQ
 PKHLLLVDEGVVRTKDHRFESVSHLISYHMDNHLPIISAGSELCLQQPVERKL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_003029

ORF Size:

1422 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:	<u>NM_003029.3</u>
RefSeq Size:	3195 bp
RefSeq ORF:	1425 bp
Locus ID:	6464
UniProt ID:	<u>P29353</u>
Cytogenetics:	1q21.3
MW:	51.7 kDa