

Product datasheet for **RC208396A1V**

Human SHOC2 (NM_007373) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SHOC2 (NM_007373) AAV Particle
Tag:	Myc-DDK
Symbol:	SHOC2
Synonyms:	NSLH1; SIAA0862; SOC2; SUR8
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC208396 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTAGTAGTTTAGGAAAAGAAAAGACTCTAAAGAAAAGATCCCAAAGTACCATCAGCCAAGGAAA
 GAGAAAAGGAGGCAAAAGCCTCTGGAGGTTTTGGGAAAGAGAGCAAGAAAAAGAACCTAAGACCAAAGG
 GAAAGATGCCAAAGATGGAAAGAAGGACTCCAGTGCTGCCCAACCAGGGGTGGCATTTCAGTTGACAAT
 ACGATCAAACGGCCAAACCCAGCACCTGGGACTAGAAAAAATCCAGCAATGCAGAGGTGATTAAAGAGC
 TCAACAAATGCCGGGAAGAGAATTCAATGCGTTTGACTTATCCAAGAGATCTATACACATATTGCCATC
 ATCAATCAAAGAGTTGACTCAATTAACAGAACTTTATTTATACAGTAACAAATTCGAGTCCCTCCAGCA
 GAGGTGGGATGTTTAGTAAATCTCATGACTGGCTCTAAGTAAAAATTCAGTACCAGTTTGCCTGACT
 CTCTTGATAACTTGAAGAAGCTGCGGATGCTTGATTTACGGCATAATAAACTGAGAGAAATTCCTTCAGT
 GGTGTATAGGCTGGATTCTCTACCACTCTTTACCTTCGCTTTAATCGTATAACTACTGTGAAAAGGAC
 ATCAAAAACCTTGCAAACTCAGCATGCTTAGCATTGAGAGAAACAAATTAACAACTACCTGCTGAAA
 TTGGTGAATTATGTAACCTCATTACGCTGGATGTAGCTCACAATCAACTTGAACACCTTCCAAAGGAGAT
 TGGAACTGTACACAGATAACCAACCTTGACTTGCAGCACAATGAACTGCTAGACCTCCAGATACTATA
 GGAAACCTGTCCAGTTTAAGTCGTCTTGGTCTGAGATATAACAGACTGTCAGCAATACCCAGATCATTAG
 CAAATGCAGTGCCTTGAAGAATTAATTTAGAGAACAAACATTTCTACTTTACCAGAGAGTCTTTT
 ATCAAGTCTTGTAAGTGAATAGTTTGACCTTAGCTAGAAATTGCTCCAGTTGATCCAGTGGGTGGT
 CCATCTCAGTTTTCTACCATCTATTCCCTCAACATGGAACACAATCGAATCAACAAAATTCATTTGGAA
 TTTTCTCCAGAGCAAAAGTATTAAGTAAGCTGAATATGAAGGACAATCAGTTAACATCACTTCCCTTGGAA
 TTTTGGAACCTTGACCAGTATGGTAGAATTGAATTTAGCCACTAATCAGCTCACAAAGATCCCTGAGGAT
 GTGTCTGGTCTCGTTTCTCTGAGGTTCTTATCTTATCAACAATCTTCTAAAGAAGCTTCCCATGGTC
 TTGAAACCTTAGGAAGTTAAGAGAGTTGGATCTAGAAGAGAACAATTTGGAATCCTTGCCAAATGAAAT
 TGCATATCTTAAGGATTACAGAAATAGTCTTGACAAACAACCAAGTTGACCACTCTTCCAGAGGCATT
 GGTCACTTACTAATCTCACACATCTGGGCTTGAGAGAACCTACTTACTCACCTTCTGAAGAAATG
 GTACACTGGAGAACCTAGAAGAACTGTATTGAATGACAACCCCAACCTGCATAGCCTTCCCTTTGAGCT
 GGCACCTCTGCAGCAAGCTTTCAATCATGAGTATTGAGAACTGTCCACTCAGTACCTTCCACCTCAGATT
 GTTGCTGGGGGCTTCTTTCATCATTAGTTCTTAAAGATGCAGGGTCCATATCGTGCCATGGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208396 protein sequence
 Red=Cloning site Green=Tags(s)

MSSSLGKEKDSKEKDPKVPKSAKEREKEAKASGGFGKESKEKEPKTKGKDAKDGGKDDSSAAQPGVAFSVDN
 TIKRPNPAPGTRKKSSNAEVIKELNKCREENSMRLDLKRSIHILPSSIKELTQLTELYLYSNKLQSLPA
 EVGCLVNLMTLALSENSLTSLPDSLNLKRLMLDLRHNKLREIPSVVYRLDSLTTLYLRFNRITVEKD
 IKNLSKLSMLSIRENLIKQLPAEIGELCNLITLDVAHNQLEHLPKEIGNCTQITNLDLQHNELLDLPDTI
 GNLSSLRLGLRYNRLSAIPRLAKCSALEELNLENNISTLPESLLSSLVKLNSLTARNCFQLYPVGG
 PSQFSTIYSLNMEHNRINKIPFGIFSRKVL SKLNMKNQLTSLPLDFGTWTSMVELNLATNQLTKIPED
 VSGLVSLVLIILSNLLKKLPHGLGNLRKLRELDLEENKLESLPNEIAYLKDLQKLVLTNNQLTTLPRGI
 GHLTNLTHLGLGENLLTHLPETIGTLENLEELYLNDNPNLHSLPFELALCSKLSIMSIENCPLSHLPPQI
 VAGGPSFIIQFLKMGPYRAMV

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_007373
ORF Size:	1746 bp
Buffer:	PBS with 0.001% Pluronic F6257
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_007373.2</u>
RefSeq Size:	3962 bp
RefSeq ORF:	1749 bp
Locus ID:	8036
UniProt ID:	<u>Q9UQ13</u>
Cytogenetics:	10q25.2
MW:	64.9 kDa