

Product datasheet for **RC204753A1V**

Human Shugoshin (SGO1) (NM_138484) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Shugoshin
Synonyms:	CAID; NY-BR-85; SGO; SGOL1
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC204753 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGCCAAGGAAAGATGCCTGAAAAAGTCCTTTCAAGATAGTCTTGAAGACATAAAGAAGCGAATGAAAG
AGAAAAGGAATAAAACTTGGCAGAGATTGGCAAACGCAGGCTTTTATAGCTGCACCATGCCAAATAAT
CACCAACACTTCTACACTGCTGAAAAATTACCAAGACAACAACAAATGTTAGTTTTAGCTTTGGAAAAAT
GAAAAATCCAAAGTGAAAGAAGCCCAAGATATCATCTACAGCTGAGAAAAAGATGTTACTATCTCACAT
GTCAGCTATATGCATTGAAAGGAAACTTACATCACAACAACAGTAGAACCTGCTCAGAACCAGGAAAT
ATGTTCTCTGGAATGGACCCCAATAGTGATGACAGCTCCAGAAATTTATTTGTGAAGGATTTACCGCAA
ATTCTCTTGAAGAACTGAACTTCCAGGACAAGGAGAATCATTTCAAATAGAAGCTACACCACCTGAAA
CTCAGCAGTCACCTCATCTTAGCCTGAAGGATATACCAATGTCTCCTGTATCCTGTTGTGAAAAATCAG
AAGACTTTCTCTTCTCAAAAAAGAATAAAGCAAGCCAGCAGTGGCTCTGCCTAAACGTAGGTGCACA
GCCAGCGTGAAGTATAAGGAGCCACCTCGCTTCGAACTGAGAAGAGGGGACCTTTTACAGATTGT
GTTTTTTGAATTCTCTATTTTCAAGCAGAAAAAGGATTTGAGACGTTCTAAAAAAGAGCCCTGGAGGT
ATCACCTGCCAAGAAGCAATTTTATTTATATTATGTTTCGAGAATTTGTTTCGAGATTCCAGACTGT
AGGAAATGTAACTTGAAACCCACATCTGCTTGAGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATACGACGATAAGGTTTAA



Protein Sequence:	>RC204753 protein sequence Red=Cloning site Green=Tags(s) MAKERCLKKSFQDSLEDIKRMKEKRNKNLAEIGKRRSFIAAPCQIITNTSTLLKNYQDNNKMLVLALEN EKSQVKEAQDIILQLRKECYLTCQLYALGKLTSSQQTVEPAQNQEICSSGMDPNSDDSSRNLFVKDLPQ IPLEETELPGQGESFQIEATPPETQQSPHLSKDI TNVSLYPVVKIRRLSLSPKKNKASPAVALPKRRT ASVNYKEPTLASKLRRGDPFTDLCFLNSPIFKQKKDLRRSKKRALEVSPAKEAIFILYYVREFVSRFPDC RKCKLETHICLR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_138484
ORF Size:	876 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_138484.1</u>
RefSeq Size:	1548 bp
RefSeq ORF:	879 bp
Locus ID:	151648
UniProt ID:	<u>Q5FBB7</u>
Cytogenetics:	3p24.3
MW:	33.5 kDa