

Product datasheet for **RC214977A1V**

Human Shugoshin (SGO1) (NM_001012409) 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: >RC214977 representing NM_001012409
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCCAAGGAAAGATGCCTGAAAAAGTCCTTTCAAGATAGTCTTGAAGACATAAAGAAGCGAATGAAAG
 AGAAAAGGAATAAAAACTTGGCAGAGATTGGCAAACGCAGGTCTTTTATAGCTGCACCATGCCAAATAAT
 CACCAACACTTCTACACTGCTGAAAAATTACCAAGACAACAACAAATGTTAGTTTTAGCTTTGGAAAT
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 GTCAGCTATATGCATTGAAAGGAAAACTTACATCACAACAACAGTAGAACCTGCTCAGAACCAGGAAAT
 ATGTTCTCTGGAATGGACCCCAATAGTGATGACAGCTCCAGAAATTTATTTGTGAAGGATTTACCGCAA
 ATTCCTCTTGAAGAACTGAACTTCCAGGACAAGGAGAATCATTTCAAATAGAAGATCAGATACCTACTA
 TTCCTCAAGACACACTGGGAGTTGATTTTGATTGAGGTGAAGCTAAGTCTACTGATAATGTCTTACCTAG
 AACTGTATCTGTTCTGAGCAGTTTAAAGAAACATTGTAAACAGTATATGTCAGTTTGATAGCTTGGATGAT
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 ACATGCACATACCTGAAAAATGTACAACACAATGCTTGTCAATGGAGCAAGGACCAAGTTAACTTATCACC
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 CAGGAGATGATCCGATGACCTCTATTTGCCCACTTGAAGTACATTGAGAATCCACGAGCAATTCAGA
 TAGACCAGTCACCAAGGCTCTAGCTAAAAGAGCACTGAAATACACAGATGAAAAAGAGACGGAGGGTTCT
 AAGCCAAACAAAACCTCTACCACTACACCACCTGAAACTCAGCAGTCACCTCATCTTAGCCTGAAGGATA
 TCACCAATGTCTCCTTGTATCTGTTGTGAAAAATCAGAAGACTTTCTCTTTCTCAAAAAAGAATAAAGC
 AAGCCAGCAGTGGCTCTGCCTAAACGTAGGTGCACAGCCAGCGTGAAGTATAAGGAGCCCACTTCGCT
 TCGAAACTGAGAAGAGGGGACCCTTTACAGATTTGTGTTTTTTGAATTCTCTATTTTCAAGCAGAAAA
 AGGATTTGAGACGTTCTAAAAAAGTATGAAACAAATACAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC214977 representing NM_001012409
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MAKERCLKKSFQDSLEDIKKRMKEKRNKNLAEIGKRRSFIAAPCQIITNTSTLLKNYQDNNKMLVLALEN
 EKSVKYEAQDIILQLRKECYILTCLYALKGKLTSSQQTVEPAQNQEICSSGMDPNSSDSSRNLFVKDLPQ
 IPLEETELPGQGESFQIEDQIPTIPQDTLGVDFDSGEAKSTDNVLPRTVSVRSLKKHCNSICQFDSLDD
 FETSHLAGKSFEFERVGFLLPLVNMHIPPENVQHNACQWSKDQVNLSPKLIQPGTFTKTKEDILESKEQT
 KSKQRDTQERKREEKRKANRRKSKRMSKYKENKSENKKTVPQKMHKSVSSNDAYNFNLEEGVHLTPFRQ
 KVSNDNSREENNESEVSLCESSSGDSDDLYLPTCKYIQNPTSNSDRPVTRPLAKRALKYTDEKETEGS
 KPTKTPTTTPPETQQSPHLSLKDITNVSLYPVVKIRRLSLSPKKNKASPAVALPKRRCTASVNYKEPTLA
 SKLRRGDPFTDLCFLNSPIFKQKKDLRRSKSMKQIQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_001012409
ORF Size: 1581 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_001012409.1
RefSeq Size:	1956 bp
RefSeq ORF:	1584 bp
Locus ID:	151648
UniProt ID:	Q5FBB7
Cytogenetics:	3p24.3
MW:	59.9 kDa