

Product datasheet for **RC213710A1V**

Human Shugoshin (SGO1) (NM_001012410) 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: >RC213710 representing NM_001012410
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCCAAGGAAAGATGCCTGAAAAAGTCCTTTCAAGATAGTCTTGAAGACATAAGAAGCGAATGAAAG
 AGAAAAGGAATAAAACTTGGCAGAGATTGGCAAACGCAGGTCTTTTATAGCTGCACCATGCCAAATAAT
 CACCAACACTTCTACACTGCTGAAAAATTACCAAGACAACAACAAATGTTAGTTTTAGCTTTGGAAAT
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 GTCAGCTATATGCATTGAAAGGAAAACTTACATCACAACAACAGTAGAACCTGCTCAGAACCCAGGAAAT
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 ATTCTCTTGAAGAACTGAACTTCCAGGACAAGGAGAATCATTTCAAATAGAAGATCAGATACCTACTA
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 AACTGTATCTGTTCTGAGCAGTTTAAAGAAACATTGTAAAGTATATGTCAGTTTGATAGCTTGGATGAT
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 ACATGCACATACCTGAAAAATGTACAACACAATGCTTGTCAATGGAGCAAGGACCAAGTTAACTTATCACC
 AAAGCTGATTGAGCCAGGAACGTTTACTAAAACAAAAGAAGACATTTTGAATCTAAATCTGAACAACT
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 AAGCCAAACAAAACTCCTACCACTACACCACTGAAACTCAGCAGTCACCTCATCTTAGCCTGAAGGATA
 TCACCAATGTCTCCTTGTATCTGTTGTGAAAAATCAGAAGACTTTCTCTTTCTCAAAAAAGAATAAAGC
 AAGCCAGCAGTGGCTCTGCCTAAACGTAGGTGCACAGCCAGCGTGAAGTATAAGGAGCCCACTTCGCT
 TCGAAACTGAGAAGAGGGGACCTTTTACAGATTGTGTTTTTGAATTCTCCTATTTTCAAGCAGAAAA
 AGGATTTGAGACGTTCTAAAAAAGAGCCCTGGAGGTATCACCTGCCAAAGAAGCAATTTTTATTTTATA
 TTATGTTGAGAATTTGTTTCGAGATTCCAGACTGTAGGAAATGTAACTTGAACCCACATCTGCTTG
 AGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC213710 representing NM_001012410
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MAKERCLKKSFQDSLEIDIKRMKEKRNKNLAEIGKRRSFIAPCQIIITNTSTLLKNYQDNNKMLVLALEN
 ESKVKAEQDIILQLRKECYLLTCQLYALKGKLTQQTVPAQNQEICSSGMDPNSSDSSRNLFVKDLPQ
 IPLEETELPGQGESFQIEDQIPTIPQDTLGVDFDSGEAKSTDNVLPRTVSVRSSLKHKCNISICQFDSLDD
 FETSHLAGKSFEEFVGFGLDPLVNMHPIENVQHNACQWSKDQVNLSPKLIQPGFTTKTKEDILESKSEQT
 KSKQRDTQERKREEKRKANRRKSKRMSKYKENKSENKKTVPQKMKHSVSSNDAYNFNLEEGVHLTPFRQ
 KVSNDNSNREENNESEVSLCESSGSGDSDLLYPTCKYIQNPTSNSDRPVTRPLAKRALKYTDEKETEGS
 KPTKPTTTTPPETQQSPHLSLKDITNVSLYPVVKIRRLSLSPKKNKASPAVALPKRRCTASVNYKEPTLA
 SKLRRGDPFTDLCLNSPIFKQKKDLRRSKKRALEVSPAKEAIFILYYVREFVSRFPDCRCKCKLETHICL
 R

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001012410

ORF Size:	1683 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_001012410.1
RefSeq Size:	2371 bp
RefSeq ORF:	1686 bp
Locus ID:	151648
UniProt ID:	Q5FBB7
Cytogenetics:	3p24.3
MW:	64 kDa