

Product datasheet for **RC213965A1V**

Human Shugoshin (SGO1) (NM_001012411) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Shugoshin (SGO1) (NM_001012411) AAV Particle
Tag:	Myc-DDK
Symbol:	Shugoshin
Synonyms:	CAID; NY-BR-85; SGO; SGOL1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC213965 representing NM_001012411 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCCAAGGAAAGATGCCTGAAAAAGTCCTTCAAGATAGTCTTGAAGACATAAAGAAGCGAATGAAAG
AGAAAAGGAATAAAACTTGGCAGAGATTGGCAAACGCAGGTCTTTATAGCTGCACCATGCCAAATAAT
CACCAACACTTCTACACTGCTGAAAAATTACCAAGACAACAACAAATGTTAGTTTTAGCTTTGGAAAT
GAAAAATCCAAAGTGAAAGAAGCCCAAGATATCATCCTACAGCTGAGAAAAGAATGTTACTATCTCACAT
GTCAGCTATATGCATTGAAAGGAAAACCTACATCACAACAAACAGTAGAACCTGCTCAGAACCCAGGAAAT
ATGTTCTCTGGAATGGACCCCAATAGTGATGACAGCTCCAGAAATTTATTTGTGAAGGATTTACCGCAA
ATTCCTCTTGAAGAACTGAACCTCCAGGACAAGGAGAATCATTTCAAATAGAAGATCAGATACCTACTA
TTCTCAAGACACACTGGGAGTTGATTTTGATTGAGCTACACCACCTGAACTCAGCAGTCACCTCATCT
TAGCCTGAAGGATATACCAATGTCTCCTGTATCCTGTTGTGAAATCAGAAGACTTTCTTTCTCCA
AAAAAGAATAAGCAAGCCAGCAGTGGCTCTGCCTAACGTAGGTGCACAGCCAGCGTGAACATAAGG
AGCCACCTCGCTTCGAACTGAGAAGAGGGGACCTTTTACAGATTTGTGTTTTTGAATTCTCTAT
TTTCAAGCAGAAAAGGATTTGAGACGTTCTAAAAAAGTATGAAACAAATACAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC213965 representing NM_001012411 Red=Cloning site Green=Tags(s) MAKERCLKKSFDQSLIEDIKRMKEKRNKNLAEIGKRRSFIAAPCQIITNTSTLLKNYQDNNKMLVLALLEN EKSKEAQAQDIILQLRKECYLTCQLYALKGKLTSSQQTVEPAQNQEICSSGMDPNSSDSSRNLFVKDLPQ IPLEETELPGQGESFQIEDQIPTIPQDTLGVDFDSATPPETQQSPHLSLKDITNVSLYPVVKIRRLSLSP KKNKASPAVALPKRRCTASVNYKEPTLASKLRRGDPFTDLCFLNSPIFKQKKDLRRSKKSMKQIQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001012411
ORF Size:	825 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_001012411.1, NP_001012411.1</u>
RefSeq Size:	1200 bp
RefSeq ORF:	828 bp
Locus ID:	151648
UniProt ID:	<u>Q5FBB7</u>
Cytogenetics:	3p24.3
MW:	31.1 kDa