

Product datasheet for **RC210744A1V**

Human SMU1 (NM_018225) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SMU1 (NM_018225) AAV Particle
Tag:	Myc-DDK
Symbol:	SMU1
Synonyms:	BWD; fSAP57; SMU-1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC210744 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGATCGAAATCGAATCTTCGGATGTGATCCGCCTTATTATGCAGTACTGAAGGAGAACAGTTTAC
 ATCGGGCGTTAGCCACCTTGCAGGAGGAGACTACTGTGTCTCTGAATACTGTGGACAGCATTGAGAGTTT
 TGTGGCTGACATTAAACAGTGGCCATTGGGATACTGTGTTGCAGGTTATACAGTCTCTGAAATTGCCAGAC
 AAAACCCTCATTGACCTCTATGAACAGGTTGTTCTGGAATTGATAGAGCTCCGTAATTGGGTGCTGCCA
 GGTCACCTTTTGAGACAGACTGATCCCATGATCATGTTAAACAAACACAGCCAGAGCGATATATTCATCT
 GGAGAACCTTTTGCCAGGTCTTACTTTGATCCTCGTGAGGCATACCCAGATGGAAGTAGCAAAGAAAAG
 AGAAGAGCAGCAATTGCCAGGCCTTAGCTGGCGAAGTCAGTGTGGTGCCTCCATCTCGTCTCATGGCAT
 TGCTGGGACAGGCACTGAAGTGGCAGCAGCATCAGGGATTGCTTCCTCCTGGTATGACCATAGATTTGTT
 TCGAGGCAAGGCAGCTGTCAAAGATGTGAAGAAGAAAAGTTTCTACACAACTGAGCAGGCATATTAAG
 TTTGGTCAGAAATCACATGTGGAGTGTGCTCGATTTTCTCCAGATGGTCAGTATTTGGTCACTGGGTCTG
 TTGATGGATTCAATTGAAGTATGGAACCTTACTACTGAAAAATCAGAAAGGATCTTAAGTACCAGGCCCA
 AGATAACTTTATGATGATGGATGATGCTGTCTCTGCATGTGTTTCAGCAGAGATACAGAAATGTTAGCA
 ACTGGGGCCCAAGATGGAAAAATCAAGGTGTGGAAGATTCAGAGTGGACAATGTTTAAGGAGATTTGAGA
 GGGCACACAGTAAGGGTGTCACTGTCTAAGCTTTTCTAAGGATAGCAGTCAGATCCTTAGTGCTCTTT
 TGACCAGACAATTAGAATTCATGGTTTAAATCTGGGAAAACCTGAAGGAATTCGTGGCCATTCCTCC
 TTTGTTAACGAAGCAACATTTACACAAGATGGACATTACATTATTAGTGCATCCTCTGATGGCACTGTAA
 AGATCTGGAATATGAAGACCACAGAATGTTCAAATACCTTTAAATCCCTGGGCAGCACCCGAGGGACAGA
 TATTACCGTCAACAGTGTGATTCTACTTCTAAAAACCTGAGCACTTTGTGGTGTGCAACAGATCAAAC
 ACGGTGGTCATCATGAACATGCAGGGGAGATTGTGAGAAGCTTCAGTTCTGGTAAAAGAGAAGGTGGGG
 ACTTTGTTGTGCTGTCCTCTCTCCCGTGGTGAATGGATCTACTGTGTAGGGGAGGACTTTGTGCTCTA
 CTGTTTCAGTACAGTCACTGGCAAACTGGAGAGAACTTTGACAGTGCACGAGAAGGATGTGATTGGTATT
 GCACATCACCTCATCAGAACCTGATTGCTACCTACAGTGAAGATGCACTCCTAAAGCTCTGAAACCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210744 protein sequence
 Red=Cloning site Green=Tags(s)

MSIEIESSDVIRLIMQYLKENS LHRALATLQEETTVSLNTVDSIESFVADINS GHWDTVLQVIQSLKLPD
 KTLIDL YEQVLELIELRELGAARSLRQTDPMIMLKQTQPERYIHLENLLARSYFDPREAYPDGSSKEK
 RRAAIAQALAGEVSVPPSRMLALLGQALKWQHQGLLPGMTIDLFRGKA AVKDVEEEKFPTQLSRHIK
 FGQKSHVECARFSPDGQYLVTGSVDGFIEVWNFTTGKIRKDLKYQAQDNFMMDDAVLCMCFSRDTEMLA
 TGAQDGKIKVWKIQSGQCLRRFERAHSKGVTCLSFSKDSSQILSASFDTIRIHGLKSGKTLKEFRGHSS
 FVNEATFTQDGHYIISASSDGTVKIWNMKTTECSNTFKSLGSTAGTDITVNSVILLPKNPEHFVVCNRSN
 TVVIMNMQGQIVRSFSSGKREGGDFVCCALSPRGEWIYCVGEDFVLYCFSTVTGKLERLT TVHEKDVIGI
 AHHPHQNL IATYSEDALLKLWKP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_018225

ORF Size:

1539 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_018225.2</u>
RefSeq Size:	7091 bp
RefSeq ORF:	1542 bp
Locus ID:	55234
UniProt ID:	<u>Q2TAY7</u>
Cytogenetics:	9p21.1
MW:	57.6 kDa