

Product datasheet for **RC225882A1V**

Human SMTNL1 (NM_001105565) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	SMTNL1
Synonyms:	CHASM
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC225882 representing NM_001105565
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGAGCAGAAGGAAGGAAGCTCTCTGAGGATGGGACCACCGTCTCCCAGCTGCGGACAACCCCTGAGA
 TGTGAGGAGGTGGAGCCCTGCAGAGGAGACCAAGGCACAGCTGGAAAGGCCATCAATGAGGGGCTCC
 CACTGAGTCAGGAAAGCAGGAAAGGCACCGAGGACGGCATGTGACGAGAACTCCAGGGGGAAGCA
 AATGGATTAGATGAGGTCAAAGTGAATCTCAGAGGGAGGCTGGTGGGAAAGAGGATGCTGAGGCTGAAC
 TTAAGAGGAGGATGGTGAGAAGGAAGAGACCACTGTGGTTCTCAGGAGATGACTGGCAGGAAAGAAGA
 GACCAAAATCTGAACCCAAAGAGGCTGAGGAAAAGGAGAGCAGCTGGCCTCTGAGAAGCAGAAGGCTGAG
 GAGAAAGAGGCCAAACCTGAATCTGGGCAGAAAGCCGATGCCAATGACAGAGACAAGCCTGAACCTAAGG
 CAACAGTTGAGGAGGAGGACGCCAAGACAGCCTCTCAGGAGGAGACAGGCCAGAGGAAAGAGTGCAGCAC
 TGAACCCAAAGGAGAAGGCTACTGATGAAGAGGCCAAGGCTGAATCGCAGAAGGCTGTTGTGGAGGATGAG
 GCTAAGGCTGAACCCAAAGGAGCCGATGGGAAAGAGGAGGCCAAACATGGTGCAAAAGAGGAGGCTGATG
 CAAAAGAGGAGGCGGAGGATGCAGAGGAGGAGAGCCAGGCAGTCCCAGCGAAGAGCAGGAGCAGGACGT
 GGAAAAGAGCCAGAGGGAGGGGACAGGGGTGATCCCAGCTCCCAGAGGAGTGGCCTGAGAGCCCCACT
 GGGGAGGGGCACAACCTCAGCACAGATGGGCTGGGTCCAGACTGTGTAGCTTCCGGACAGACCAAGTCTT
 CAGCCAGTGAGTCTTACCCAGCGACGTGCCCCAGAGTCCCCCTGAGTCCCCTTCTCAGGGGAGAAGAA
 GGAGAAGGCACAGAGCGAGGGTATCAGCCCCTGCTCGGCCCGGGGGCCCCGGGCACAGAACCACAA
 GCCATCGTGGACAAGTTTGGCGGGGACGCTTCCGGCCCCACGGCTTGTTCGCAACACTAAGGCAGCCG
 GGGCAGCCATTGGTGGTGTCAAGAATGCTCTTGGAGTGGTGCCAGCCATGACAAAAAATACGAGCA
 TGTGGACATCCAGAACTTCTCTCCAGCTGGAGCAGTGGATGGCCTTCTGTGCCCTCATCCACAAGTTC
 TTCCCTGACGCCTTTGACTACGACAGCTGGATCCCGCAAAGCGCCGGCACAACCTCACCCCTGGCCTTCT
 CCACAGCAGAGAACTGGCTGACTGTGCTCAGCTGCTGGACGTGGATGACATGGTGCGGTTGGCTGTGCC
 CGACTCCAAGTGGCTTACACATACATCCAGGAAGTGTACCGCAGCCTTGTGCAGAAAGGACTGGTGAAG
 ACCAAGAAGAAG

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC225882 representing NM_001105565
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MEQKEGKLSGDGTTVSPAADNPMSGGAPAEETKGTAGKAINEGPPTESGKQEKAPAEDGMSAELQGEA
 NGLDEVKVESQREAGGKEDAEELKKEDGEKEETTVGSQEMTGRKEETKSEPKEAEEKESTLASEKQKAE
 EKEAKPESGQKADANDRKPEPKATVEEEDAKTASQEETGQRKECSTEPKEKATDEEAKAESQKAVVEDE
 AKAEPKEPDGKEEAKHGAKEEADAKEEAEDAEAEPSGSPSEEQEQDVEKEPEGGAGVIPSSPEEWPEST
 GEGHNLSTDGLGPDVASGQTSASSESSDVPQSPPESSGEGKEKAPERRVSAPARPRGPRAQNRK
 AIVDKFGGAASGPTALFRNTKAAGAAIGGVKNMLLEWCRAMTKKYEHVDIQNFSSSWSSGMAFCALIHKF
 FPDFDYAELDPAKRRHNFTLAFSTAELKLADCAQLLDVDDMVRLAVPDSKCVYTYIQELYRSLVQKGLVK
 TKKK

TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV**

Species: Human

Serotype: AAV-2

ACCN: NM_001105565

ORF Size: 1482 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_001105565.1
RefSeq ORF:	1485 bp
Locus ID:	219537
UniProt ID:	A8MU46
Cytogenetics:	11q12.1
MW:	52.99 kDa