

Product datasheet for **RC218441A1V**

Human NSMase2 (SMPD3) (NM_018667) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NSMase2 (SMPD3) (NM_018667) AAV Particle
Tag:	Myc-DDK
Symbol:	SMPD3
Synonyms:	NSMASE2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC218441 representing NM_018667
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGTTTTGTACACGACCCCTTTCCTAACAGTGTCTGTCCGCCCTGCACTGTGTGTCCTGGGCCCTTA
 TCTTTCCATGCTACTGGCTGGTGGACCGGCTCGCTGCCTCCTTCATACCCACCACCTACGAGAAGCGCCA
 GCGGGCAGACGACCCGTGCTGCCTGCAGCTGCTCTGCACTGCCCTCTTCACGCCCATCTACCTGGCCCTC
 CTGGTGGCCTCGCTGCCCTTTGCGTTTCTCGGCTTTCTCTTCTGGTCCCACTGCAGTCGGCCCGCCGGC
 CCTACATCTATTACGGCTGGAAGACAAGGGCTGGCCGGTGGGGCAGCCCTGCTCAGTGAATGGAAGGG
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 TCCTCGTCCAGCGCAGCAACCCCGAGGAGCTGGTGGCATTGACGTCGTCTGTGGAGATTTCAACTTTG
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 CCTGGGCCTGGTGAGGAGAAGCCGTGGGCCATCGGTACTCTGCTGGACACGAACGGCCTGTACGATGAG
 GATGTGTGACCCCCACAACCTGCAGAAGTCTGGAGAGTGAGGAGGGCCGAGGGAGTACCTGGCGT
 TTCCCACAGCAAGAGCTCGGGCCAGAAGGGGCGGAAGGAGCTGCTGAAGGGCAACGGCCGGCGCATCGA
 CTACATGCTGCATGCAGAGGAGGGGCTGTGCCAGACTGGAAGGCCGAGGTGGAAGAATTCAGTTTTATC
 ACCCAGCTGTCCGGCCTGACGGACACCTGCCAGTAGCATGCGACTGATGGTGTCTTCGGGGGAGGAGG
 AGGCA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC218441 representing NM_018667 Red=Cloning site Green=Tags(s) MVLYTTPFPNSCLSAHCVSWALIFPCYWLVDRLAASFIPPTYEKRQRADDPCCQLQLCTALFTPIYLAL LVASLPFAFLGFLFWSPLQSARRPYIYSRLDKGLAGGAALLSEWKGTPGPKSFCFATANVCLLPDSLAR VNNLFNTQARAKEIGQIRNGAARPQIKIYIDSPNTSISAASFSSLVSPQGGDGVARAVPGSIKRTASV EYKGDGGRHPGDEAANGPASGDPVDSSSPEDACIVRIGGEEGGRPEADDPVPGGQARNGAGGGPRGQTP NHNQQDGDGSLGSPSASRESLVKGRAGPDTSASGEPGANSKLLYKASVVKAAARRRRHPDEAFDHEVS AFFPANLDFLCLQEVEFDKRAATKLKEQLHGYFEYILYDVGVGCGCCSFKCLNSGLLFASRYPIMDVAY HCYPNKCNDALASKGALFLKVQVGSTPQDQRIYVGYIACHTLHAPQEDSAIRCGQLDLLQDWLADFRKST SSSSAANPEELVAFDVVCGDFNFDNCSSDDKLEQQHSLFTHYRDPCLGPGEKPWAIGTLLDTNGLYDE DVCTPDNLQKVLSEEGRREYLAFPTSKSSGQKGRKELLKGNRRRIDYMLHAEGLCPDWKAEVEEFSFI TQLSGLTDHLPVAMRLMVSSGEEEA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_018667
ORF Size:	1965 bp
Buffer:	PBS with 0.001% Pluronic F7850
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_018667.2 , NP_061137.1
RefSeq Size:	5284 bp
RefSeq ORF:	1968 bp
Locus ID:	55512
UniProt ID:	Q9NY59
Cytogenetics:	16q22.1
MW:	70.9 kDa