

Product datasheet for **RC200417A1V**

Human nSMase (SMPD2) (NM_003080) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human nSMase (SMPD2) (NM_003080) AAV Particle
Tag:	Myc-DDK
Symbol:	nSMase
Synonyms:	ISC1; NSMASE; NSMASE1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC200417 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAAGCCCAACTTCTCCCTGCGACTGCGGATCTTCAACCTCAACTGCTGGGGCATTCCGTA CTGAGCA
AGCACCGGGCCGACCGCATGAGGCGCCTGGGAGACTTTCTGAACCAGGAGAGCTTCGACCTGGCTTTGCT
GGAGGAGGTGTGGAGTGAGCAGGACTTCCAGTACCTGAGACAGAAGCTGTACCTACCTACCCAGCTGCA
CACCCTTCCGGAGCGGAATCATTGGCAGTGGCCTCTGTGTCTCTCCAAACATCCAATCCAGGAGCTTA
CCGACACATCTACACTCTCAATGGCTACCCCTACATGATCCATCATGGTGACTGGTTTCACTGGGAAGGC
TGTGGGCTGCTGGTGCTCCATCTAAGTGCCATGGTGCTCAACGCCATGTGACCCATCTCCATGCCGAA
TACAATCGACAGAAGGACATCTACCTAGCACATCGTGTGGCCCAAGCTTGGGAATTGGCCAGTTCATCC
ACCACACATCCAAGAAGGCAGACGTGGTTCTGTTGTGTGGAGACCTCAACATGCACCCAGAAGACCTGGG
CTGCTGCCTGCTGAAGGAGTGGACAGGGCTTCATGATGCCTATCTTGAACTCGGGACTTCAAGGGCTCT
GAGGAAGGCAACACAATGGTACCAAGAAGCTGCTACGTCAGCCAGCAGGAGCTGAAGCCATTTCCCTTTG
GTGTCCGATTGACTACGTGCTTTACAAGGCAGTTTCTGGGTTTTACATCTCTGTAAGAGTTTTGAAAC
CACTACAGGCTTTGACCCTCACAGTGGCAGCCCCCTCTCTGATCATGAAGCCCTGATGGCTACTCTGTTT
GTGAGGCACAGCCCCCAGCAGAGAAGCCAGCTCTACCCACGACCAGCAGAGAGGTGCGCGTTGATGT
GTGTGCTAAAGGAGGCCCTGGACGAGCTGGGTCTGGGCATGGCTCAGGCTCGCTGGTGGGCCACCTTCGC
TAGCTATGTGATTGGCCTGGGGCTGCTTCTCCTGGCACTGCTGTGTGCTCCTGGCGCTGGAGGAGGGCC
GGGGAAGCTGCCATACTGCTCTGGACCCCAAGTGTAGGGCTGGTGTGTGGGCAGGTGCATTCTACCTCT
TCCAGTACAGGAGGTCAATGGCTTATATAGGGCCAGGCTGAGCTCCAGCATGTGCTAGGAAGGGCAAG
GGAGGCCAGGATCTGGGCCAGAGCCTCAGCCAGCCCTACTCTGGGCAGCAGGAGGGGGACAGAAGT
AAAGAACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC200417 protein sequence Red=Cloning site Green=Tags(s) MKPNFSLRLRIFNLNCWGIPYLSKHRADMRRLGDFLNQESFDLALLEEVWSEQDFQYLRQKLSPTYPAA HHFRSGIIGSGLCVFSKHPIQELTQHIYTLNGYPYMIHHGDWFSKGAVGLLVHLSGMVLNAYVTHLHAE YNRQKDIYLAHRVAQAWELAQFIHHTSKKADVLLCGDLNMHPEDLGCCLLKWTGLHDAYLETRDFKGS EEGNTMVPKNCYVSQQELKPFPGVRIDYVLYKAVSGFYISCKSFETTTGFDPHSGTPLSDHEALMATLF VRHSPQQNPSSTHGPAERSPLMCVLKEAWTEGLGMAQARWWATFASYVIGLGLLLLALLCVLAAGGGA GEAAILLWTPSVGLVLWAGAFYLFHVQEVNGLYRAQAEQHVLRAREAQDLGPEPQPALLLGQQEGDRT KEQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003080
ORF Size:	1269 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_003080.2
RefSeq Size:	1697 bp
RefSeq ORF:	1272 bp
Locus ID:	6610
UniProt ID:	O60906
Cytogenetics:	6q21
MW:	47.6 kDa