

Product datasheet for **MR206649A1V**

Mouse Smpd2 (NM_009213) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Smpd2 (NM_009213) AAV Particle
Tag:	Myc-DDK
Symbol:	Smpd2
Synonyms:	AW108287; nSMase; nSMase1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR206649 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAAGCTCAACTTTTCTCTACGGCTGAGAGTTTTCAATCTCAACTGCTGGGACATCCCCTACCTGAGCA
AACATAGGGCGGACCGCATGAAGCGCTTGGGAGACTTTCTGAAGTTGGAAACTTTGATCTGGCTCTCCT
GGAGGAGGTGTGGAGTGAGCAGGACTCCAGTACCTAAGGCAAAGGCTATCGCTCACCTATCCAGATGCA
CACTACTTCAGAAGCGGGATGATAGGCAGTGGCCTCTGTGTCTCCTCAACACCCAATCCAGGAATCT
TCCAGCATGTCTACAGTCTGAATGGTTACCCCTACATGTTCCATCATGGAGACTGGTTCTGTGGGAAGTC
TGTGGGGCTGCTGGTGCTCCGTCTAAGTGGACTGGTGCTCAATGCCTACGTGACTCATCTACATGCTGAG
TACAGCCGACAGAAGGACATCTACTTTGCACACCGTGTGGCCCAAGCTTGGAACTGGCCAGTTCATCC
ACCACACATCCAAGAATGCAGATGTGGTTCTATTGTGTGGAGACCTCAATATGCACCCCAAGACCTGGG
CTGCTGCCTGCTGAAAGAGTGGACAGGGCTCCATGATGCTTTCGTTGAGACTGAGGACTTTAAGGGCTCT
GATGATGGCTGTACCATGGTACCAAGAAGTGTACGTCAGCCAGCAGGACCTGGGACCGTTTCCGCTCTG
GTATCCGATTGATTACGTGCTTTACAAGGCAGTCTCTGAGTTCCACGTCTGCTGTGAGACTCTGAAAAC
CACTACAGGCTGTGACCCTCACAGTGACAAGCCCTTCTCTGATCACGAGGCCCTCATGGCTACTTTGTAT
GTGAAGCACAGCCCCCTCAGGAAGACCCTGTACTGCCTGTGGCCCACTGGAAAGTCCGATTTGATCA
GCGTGCTAAGGGAGGCCAGGACAGAGCTGGGGCTAGGCATAGCTAAAGCTCGCTGGTGGGCTGCATTCTC
TGGCTATGTGATCGTTTGGGGGCTGTCCCTTCTGGTGTGCTGTGTGCTGGCTGCAGGAGAAGAGGCC
AGGGAAGTGGCCATCATCCTCTGCATACCCAGTGTGGGCTGGTGTGCTGGTAGCAGGTGCAGTCTACCTCT
TCCACAAGCAGGAGGCCAAGGGCTTATGTGGGGCCAGGCTGAGATGCTGCACGTTCTGACAAGGGAAAC
GGAGACCCAGGACCGAGGCTCAGAGCCTCACCTAGCCTACTGCTTGACAGGAGGGGGACAGAGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR206649 protein sequence Red=Cloning site Green=Tags(s) MKLNFSRLRVFNLCWDIPYLSKHRADRMKRLGDFLNLENFDLALLEEVWSEQDFQYLRQRLSLTYPDA HYFRSGMIGSLCVFSKHPIQEIQHVYSLNGYPYMFHHGDWFCGKSVGLLVRLSGLVLNAYVTHLHAE YSRQKDIYFAHRVAQAWELAQFIHHTSKNADVLLCGDLNMHPKDLGCCLLKEWTGLHDAFVETEDFKGS DDGCTMVPKNCYVSQQDLGPFPSGIRIDYVLYKAVSEFHVCCETLKTTTGCDPHSDKPFSDHEALMATLY VKHSPQEDPCTACGPLERSDLISVLRARETELGLGIARWAAAFSGYVIVWGLSLLVLLCVLAAGEEA REVAIILCIPSVGLVLVAGAVYLFHKQEAKGLCRAQAEMLVLTRETETQDRGSEPHLAYCLQQEGDRA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_009213
ORF Size:	1257 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_009213.2, NP_033239.1</u>
RefSeq Size:	1621 bp
RefSeq ORF:	1260 bp
Locus ID:	20598
UniProt ID:	<u>O70572</u>
Cytogenetics:	10 B1
MW:	47.5 kDa