

Product datasheet for **MR206911A1V**

Mouse Smyd2 (NM_026796) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Smyd2 (NM_026796) AAV Particle
Tag:	Myc-DDK
Symbol:	Smyd2
Synonyms:	1110020E07Rik; 4930402C15; KMT3C; Zmynd14
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR206911 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCGCGCCGAGGCCCGCGCGGCTGGAGCGCTTCTGCAGTGCGGGCAAGGGCCGGGGCTCCGCGCGC
TGCGGCCCTTCCACGTGGGCGACCTCCTCTTCTCCTGCCCGGCCACGCCTGCGTGCTCACCGTGGGCGA
GCGGGGCCACCACTGCGAGTGTCTTCCGCCAGGAAAGAGATTGTCAAATGTGGACGGTGCAAGCAG
GCGTTCTACTGCGACGTGGAATGTCAGAAGGAAGACTGGCCCTGCACAAGCTGGAATGCTCCTCCATGG
TTGTTTTGGGGGAGAACTGGAATCCTTCGGAGACTGTGCGGCTCACAGCAAGAATTCTGGCCAAACAGAA
AATCCACCCAGAGAGGACACCTTCAGAGAAATTGTTGGCTGTGAGGGAGTTTGAGTCACATCTGGACAAG
CTAGACAACGAGAAGAAAGATCTCATCCAGAGTGACATCGCCGCTCTCCACCAAGTTCTACTCCAAGTACC
TGGAATTCCTGACCACAGCAGTCTCGTGGTGCTTTCGCCAGGTGAAGTGAATGGCTTCACTATTGA
AGATGAAGAGCTCTCCATTTGGGATCGCGCATATTCCTGATGTTGCATTGATGAATCACAGCTGCTGC
CCGAATGTCTTGTGACCTACAAAGGGACCTGGCAGAAGTCAGAGCTGTACAGGAGATCCACCCAGGAG
ACGAGGTGTTACCACTACATCGACCTGCTATATCCAACAGAAGACAGGAACGACCGGCTAAGAGACTC
CTATTTCTTTACCTGTGAGTGCCGGGAGTGTAACAAGGATAAGGACAAAGCAAGGTGGAAGTCCGA
AAGCTCAGCAGCCGCCACAGGCAGAAGCCATCCGAGACATGGTCAGATACGCACGAATGTCATCGAGG
AGTTCCGGAGGGCCAAACACTACAAATCCCCTAGTGAGCTGCTGGAGATCTGCGAGCTTAGCCAGGAGAA
GATGAGCTCCGTGTTGAGGACAGCAATGTGTACATGCTGCACATGATGTACCAGGCCATGGGCGTCTGC
CTGTACATGCAGGACTGGGAGGGAGCCCTGAAATACGGGCAGAAGATCATTAAAGCCGTACAGTAAGCACT
ACCCCGTGTACTCCCTCAACGTGGCTTCCATGTGGCTGAAGCTGGGAAGACTGTACATGGGTCTGGAAAA
CAAAGCGGCGCGAGAGGCCCTGAAGAAGGCCATTGCCATCATGGAGGTAGCTCACGGCAAGGACCAT
CCGTACATCTCTGAAATCAAGCAGGAGATTGAGAGCCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR206911 protein sequence Red=Cloning site Green=Tags(s) MRAEARGGLERFCSAGKGRGLRALRPFHVGDLLFSCPAYACVLTVGERGHHCECCFARKEGLSKCGRCKQ AFYCDVECQKEDWPLHKLECSSMVVLGENWNPSETVRLTARILAKQKIHPERTPSEKLLAVREFESHLDK LDNEKKDLIQSDIAALHQFYSKYLEFPDHSSLVVLFAQVNCNGFTIEDEELSHLGS AIFPDVALMNHSCC PNVIVTYKGT LAEVRVQEIHPGDEVFTSYIDL LYPTE DRNDRLRDSYFFTC ECRECTTKDKDKAKVEVR KLSSPPQAE AIRD MVRYARNVIEEFRR AKHYKSPSELLEICEL SQEKMSSVFEDSNVYMLHMMYQAMGVC LYMQDWE GALKY GQKI IKPYSKHYPVYSLNVAS MWLKLGR LYMGL ENKAAGEKALKKA IAIM EVAHGKDH PYISEIKQEIESH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_026796
ORF Size:	1299 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_026796.1</u>
RefSeq Size:	1619 bp
RefSeq ORF:	1302 bp
Locus ID:	226830
UniProt ID:	<u>Q8R5A0</u>
Cytogenetics:	1 H6
MW:	49.6 kDa