

Product datasheet for **RC205933A1V**

Human SMYD3 (NM_022743) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SMYD3 (NM_022743) AAV Particle
Tag:	Myc-DDK
Symbol:	SMYD3
Synonyms:	bA74P14.1; KMT3E; ZMYND1; ZNFN3A1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC205933 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAGCCGCTGAAGGTGAAAAAGTTCGCAACCGCCAACAGGGGAAACGGGTGCGCGCCGTGACCCCGC
TGCGCCCCGGAGAGCTACTCTCCGCTCGGATCCCTTGCGGTACACGGTGTGCAAGGGGAGTCTGTGGCGT
CGTCTGCGACCGCTGCCTTCTCGGAAGGAAAAGCTGATGCGATGCTCTCAGTGCCGCGTCGCCAAATAC
TGTAAGTCTAAGTGTGAGAAAAAGCTTGCCAGACCAAGCGGAATGCAATGCCTTAAAGCTGCA
AACCCAGATATCTCCAGACTCCGTTTCGACTTCTTGCCAGAGTTGTCTTCAAACCTATGGATGGAGCACC
TTCAGAAATCAGAGAAGCTTTACTCATTTTATGATCTGGAGTCAAATATTAACAAACTGACTGAAGATAGG
AAAGAGGGCCTCAGGCAACTCGTAATGACATTTCAACATTTTCATGAGAGAAGAAATACAGGATGCCTCTC
AGCTGCCACCTGCCTTTGACCTTTTGAAGCCTTTGCAAAAGTGATCTGCAACTCTTTCACCATCTGTAA
TGCGGAGATGCAGGAAGTTGGTGTGGCCTATATCCAGTATCTCTTGCTCAATCACAGCTGTGACCCC
AACTGTTGATTGTGTTCAATGGGCCCCACCTCTTACTGCGAGCAGTCCGAGACATCGAGGTGGGAGAGG
AGCTCACCATCTGCTACCTGGATATGCTGATGACCAAGTGGAGCGCCGGAAGCAGCTGAGGGACCAGTA
CTGCTTTGAATGTGACTGTTTCCGTTGCCAAACCCAGGACAAGGATGCTGATATGCTAACTGGTGTGAG
CAAGTATGGAAGGAAGTTCAAGAATCCCTGAAAAAATTGAAGAACTGAAGGCACACTGGAAGTGGGAGC
AGGTTCTGGCCATGTGCCAGGCGATCATAAGCAGCAATTCTGAACGGCTTCCCGATATCAACATCTACCA
GCTGAAGGTGCTCGACTGCGCCATGGATGCCTGCATCAACCTCGGCCTGTTGGAGGAAGCCTTGTCTAT
GGTACTCGGACCATGGAGCCATACAGGATTTTTTCCAGGAAGCCATCCCGTCAGAGGGGTTCAAGTGA
TGAAAGTTGGCAAACTGCAGCTACATCAAGGCATGTTTCCCAAGCAATGAAGAACTGAGACTGGCTTT
TGATATTATGAGAGTGACACATGGCAGAGAACACAGCCTGATTGAAGATTTGATTCTACTTTTAGAAGAA
TGCGACGCCAACATCAGAGCATCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC205933 protein sequence Red=Cloning site Green=Tags(s) MEPLKVEKFATANRGNGLRAVTPLRPGELLFRSDPLAYTVCKGSRGVVCDRCLLGKEKLMRCSQCRVAKY CSAKCQKAWPDHKKRECKCLKSCKPRYPDSVRLLGRVVFKLMDGAPSESEKLYSFYDLESNINKLTEDR KEGLRQLVMTFQHFMRREEIQDASQLPPAFDLFEAFKVICNSFTICNAEMQEVGVGLYPSISLLNHSCDP NCSIVFNGPHLLLRAVRDIEVGEELTICYLDMLMTSEERRKQLRDQYCFECDCFRCTQDKDADMLTGDE QVWKEVQESLKKIEELKAHWKWEQVLAMCQAIISNSERLPDINIYQLKVLDCAMDACINLGLLEEALFY GTRTMEPYRIFFPGSHPVRGVQVMKVGKLQLHQGMFPQAMKNLRLAFDIMRVTHGREHSLIEDLILLLEE CDANIRAS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_022743
ORF Size:	1284 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_022743.1</u>
RefSeq Size:	1469 bp
RefSeq ORF:	1110 bp
Locus ID:	64754
UniProt ID:	<u>Q9H7B4</u>
Cytogenetics:	1q44
MW:	49.1 kDa