

Product datasheet for **MR216281A1V**

Mouse Kmt5b (NM_001167888) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Kmt5b
Synonyms:	AA117471; C630029K18Rik; Suv4-20hl; Suv420hl
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >MR216281 representing NM_001167888
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGAAGTGGTTGGGAGACTCCAAGAACATGGTGGTGAATGGCAGGAGAAATGGAGGCAAGTTGTCTAATG
ACCATCAGCAGAATCAATCAAAATTACAGCAGCACTCGGGCAAGGACACCCTGAAGACCGGCAGAAACGC
CGTTGAGAGGCGGTCCAGCAGATGTCATGGTAACTCGGGATTTGAAGGGCAGAGCCGCTATGTGCCGTCC
TCTGGAATGTCCGCCAAGGAGCTCTGTGAGAACGATGACTTAGCAACCAAGTTTGGTTCTTGATCCCTACT
TAGGTTTTTCAGACACACAAAATGAACACTAGCGCCTTTCCTTCGAGGAGCTCGAGGCATATTTCAAAGC
TGACAGTTTTTCTCACAACAATCCTGTGAGATTTCCGCCTATAAAGGAAGGCAAGAAGAGCTAAAGGAA
GTAATTGAACGCTTTAAGAAAGATGAACACTTAGAGAAAGCTTCAATGTTTGACTTCTGGGGAATGGG
CACGGCATTATTTCTCAACAAAAACAAAATGCAGGAGAAATTATTCAAGGAACATGTCTTTATTTACTT
GCGGATGTTTGCAACTGACAGTGGATTTGAAATACTGCCTTGAATAGATATTCTTCAGAACAAAATGGA
GCCAAGATAGTTGCAACAAAAGAGTGGAAACGAAATGACAAAATAGAATTACTGGTGGGTTGTATTGCCG
AACTTTTCAGAAATTGAGGAGAACATGCTACTTAGACACGGAGAAAACGACTTCAGTGTCTATGTTCCAC
AAGGAAAAATTGTGCTCAACTCGGCTCGGTCCTGCTGCATTTATAAATCATGATTGCAGACCTAACTGT
AAGTTTGTGCAACTGGTCGAGATACAGCATGCGTTAAGGCTCTGAGAGATATTGAACCTGGAGAAGAAA
TTTCTTGTTACTATGGAGATGGCTTTTTTGAGAAAAAATAGATTCTGCGAATGTTATACTTGTGAAAG
G

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>MR216281 representing NM_001167888 Red=Cloning site Green=Tags(s) MKWLGD SKNMV VNGRR NGGKL S NDHQ NQSKL Q QHSG KDTLKTGRNA VERRSSRCHGNSGFEGQSRYPVS SGMSAKELCENDDLATSLVLDPYLGFQTHKMNTSAFPSRSSRHISKADSF SHNNPVFRPIKGRQEELKE VIERFKKDEHLEKAFKCLTSGEWARHYFLNKNMQEKLFEHVFIYLRMFATDSGFEILPCNRYSSSEQNG AKIVATKEWKRNDKIELLVGCIAELSEIEENMLLRHGENDFSVMYSTRKNCAQLWLGPAAFINHDCRPNC KFVSTGRDTACVKALRDIPEGEEISCYYGDGFFGENNEFCECYTCER TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001167888
ORF Size:	981 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_001167888.1</u> , <u>NP_001161360.1</u>
RefSeq Size:	3016 bp
RefSeq ORF:	984 bp
Locus ID:	225888
UniProt ID:	<u>Q3U8K7</u>
Cytogenetics:	19 A
MW:	38 kDa