

Product datasheet for **MR216879A1V**

Mouse Def6 (NM_027185) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Def6 (NM_027185) AAV Particle
Tag:	Myc-DDK
Symbol:	Def6
Synonyms:	2410003F05Rik; 6430538D02Rik; AV094905; Ibp; Slat; Slat2; Slat6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR216879 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

 ATGGCCCTGCGCAAGGAGCTGCTCAAGTCTATCTGGTACGCCTTCACTGCACTGGACGTGGAGAAGAGCG
GCAAGGTCTCCAAGTCCCAACTCAAGGTGCTGTCCACAACTGTACACTGTCTGAACATCCCCATGA
CCCCGTGGCCCTGGAGGAGCACTTCCGGATGACGATGATGGCCCGGTGTCCAGTCAAGTTACATGCC
TACCTCAACAAGTACATCCTAGACAAGGTGGAGGAGGAGCTTTCGTTAAGGAGCACTTCGATGAGTTGT
GCTGGACCCTGACTGCCAAGAAGAACTACAGGGCAGATGGCATCGGGAGCAGCCACTCTCTAATCAGGA
TGCTTTCGCTCTATGGTGCTCTTCACTTCTGTCTGAGGACAAGTACCCGCTGATCATGGTCCCGAT
GAGGTAGAGTATCTGCTGAAGAAGCTCCTTGGCAGCCTGAGTTTGGAGATGGCCTGGGCAAGCTGGAGG
AGCTGTGGCCAGGACGCCAGTCAGCCAGACCGCCGTGGGGCTCAGCGTCTGGCAGTTTCTGGAAGT
CTTCAACTCAGCCGCTGCCTTCGGGGTGTGGGGCGGACTCCCTCAGCATGGCCATCCAAGAAGTCTAC
CAGGAGCTCATCCAAGAGCTCCTGAAGCAGGGCTATCTGTGGAAGCGAGGGCACCTGCGGAGGAAGTGGG
CCGAGCGCTGGTTCAGCTGCAACCCAGCAGCCTCTGCTACTTTGGGAGTGAGGAATGCAAGGAGAAACG
AGGCACCATTCCTCGATGCTCACTGCTGTGTGGAGGTGCTTCCGGACCGCGAAGGAAAGCGTGCATG
TTTTGTGTGAAGACTGCCAGCCGCACCTATGAGATGAGCGCCTCAGACACCCGCCAGCGCCAGGAGTGGA
CGGCCGCCATCCAGACTGCGATCCGGCTGCAGGCGGAGGGGAAGACGTCGCTGCAACAAGGACCTGAAACA
GAAGCGGCGGGAGCAGCGGAACAGCGGAGCGACGCCGGGAGCAAGGAGGAGGAGCTGCTGCGACTG
CAGCAGCTGCAGGAGGAGAAGGAGAGGAAGCTGCAAGAACTGGAGCTGCTGCAGGAGGCTCAGCGGCAGG
CCGAGCGGCTGCTGCAGGAAGAGGAGGAGCGCCCGCTAGCCAGCACAAGGAGCTGCAGCAGGCTCTGGA
GGGCCAGCTGCGGGAGGCGGAGCAGGCCCGGGCTCTATGCAGGCTGAGATGGAGCTGAAGAAGGAAGAG
GCGGCCCGGCAACGGCAGCGCATCGCTGAACTGGAGGAGATGCAGGAGCGGCTGCAGGAAGCTCTGCAAC
TAGAGGTGAAAGCTAGGCGGGATGAGGAGGCCGTGCGCCTCGCCAGACCAGGCTGCTGGAGGAGGAGGA
GGAGAAGCTGAAGCAGCTGATGCATCTGAAGGAGGAGCAAGAGCGCTACATCGAGCGAGCGCAGCAGGAG
AAGCAGGAGCTCCAGCAGGAGATGGCGCTGCAGAGCCGTTCCCTGCAGCACGCCAGCAGCAGCTGGAGG
AAGTGCGCAGAACCGGAGAGGCGAGCAGGAGCGTGGAGGCTGCCAGAGGAAGTTGCGCCAGGCCAG
CACCAACGTGAAACACTGGAATGTCCAGATGAACAGGCTCATGCATCCGATCGAGCCAGGAGATAAGCGA
CCCACCACGAGCTCCTTACGGGCTTCCAGCCCCCTCGCTTGGCCCGGGACTCCTCTCTAAAGC
GCCTGACCCGCTGGGGTTCCCAAGGTAACAGAACCTCTCAGTCAATAGCAGCGAACAGAAGTCCCTCAA
TGGTGGAGATGAGACTCCCATCTAGCTTTGGCCTCTCAGGAAGAAAACTGGATCCAGCACCAGGGAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR216879 protein sequence

Red=Cloning site Green=Tags(s)

 MALRKELLKSIWYAFTALDVEKSGKVSQSLKVL SHNLYTVLNIPHPVALEEHRDDDDGPVSSQGYMP
YLNKYILDKVEEGAFVKEHFDEL CWTLTAKKNYRADGIGSSPLSNQDAFRLWCLFNFLSEDKYPLIMVPD
EVEYLLKLLGSL SLEMGLGLEELLAQDAQSAQTAVGLSVWQFLELFNSGRCLRGVGRDSL SMAIQEVY
QELIQDVLKQGYLWKRGLRRNWAERWFQLQPSSL CYFGSECKEKRGTIPLDAHCCVEVLPDREGKRCM
FCVKTSARTYEMSASDTRQRQEWTAIIQTAIRLQAEKTS LHKDLKQKRREQREQRRRAAKEEELRL
QQLQEEKERKLQELLELQEAQRQAERLLQEEEEERRRSQHKLQQALEGQLREAEQARASMQAEMELKKEE
AARQRQRIAELEEMQERLQELQLEVKARRDEEAVRLAQTRLLEEEEEKLQQLMHLKEEQERYIERAQQE
KQELQQEMALQSRSLQHAQQQLEEVQRNRQRADEDVEAAQRKLRQASTNVKHWNVQMNRLMHPHIEPGDKR
PTTSSSFTGFQPPPLARRDSSLKRL TRWGSQGNRTL SVNSSEQKSLNGGDETPILALASQEEKLDPAPGN

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_027185
ORF Size:	1890 bp
Buffer:	PBS with 0.001% Pluronic F2548
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_027185.3, NP_081461.2</u>
RefSeq Size:	2294 bp
RefSeq ORF:	1893 bp
Locus ID:	23853
UniProt ID:	<u>Q8C2K1</u>
Cytogenetics:	17 A3.3
MW:	73.5 kDa