

Product datasheet for **MR209410A1V**

Mouse Crot (NM_023733) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Crot (NM_023733) AAV Particle
Tag:	Myc-DDK
Symbol:	Crot
Synonyms:	1200003H03Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR209410 representing NM_023733
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAAAATCAATTGACTAAATCAGTTGAAGAACGGACATTTTCAGTACCAGGACTCTCTCCGTCATTGC
 CTGTTCTGCACCTTGAAGAATCATTAAAAAATACCTTGAATCAGTGAAACCATTCGCAATGAAGACGA
 GTATAAGAAAAGTGAAGAAATAGTTCAAAAGTTTCAAGAAGGAGCTGGCAAAAGATTGCATCAGAAGTTA
 CTTGAAAGGGCTAGAGGAAAACGAACTGGCTGGAAGAATGGTGGCTCAATGTTGCCTACCTGGACGTAC
 GTATTCCATCACAACTGAATGTGAACCTTGTGGTCCGTGCTCCTATTTTTCAGCACTACTGGCCTGCAAG
 GGAAGGCACTCAGTTAGAAAGAGGAAGCATGATGCTGTGGCACAACCTGAACTACTGGCAGCTGCTAAGA
 AGAGAAAAATTCCTGTACATAAATCTGGAATACTCCTCTAGACATGAACCAATTCGAATGTTGTTTT
 CTACCTGCAAGGTTCCAGGAATTACTAGAGATTCGATTATGAATTATTTTAAGACTGAGAGTGAAGGGCA
 TTGTCCAACCCACATTGCCGTGCTGTGTCGAGGCAGAGCGTTTGTCTTTGATGTACTACATGAGGGATGT
 TTGATCACCCACCAGAACTTCTCAGACAATTGACATATATCCACAAGAAGTGCTCGAACGAACCTGTTG
 GACCCAGTATAGCGGCATTAAGTACGAGGAGCGAACTCGGTGGGCAAGGCAAGAGAATATCTGATTAG
 TCTTGATCCAGAGAACTTGACTTTATTAGAAAAAATTCAAACCACTTTATTTGTGATTCCATAGAAGAT
 AGCAGTCCACATGCAACCCAGAGAATATTCTCAGGTCTTTGAAATGCTTCTGGTGGAGATCCATCAG
 TACGCTGGGGTGACAAGTCTATAATTTGATTTCTTTGCTAATGGAATATTTGGCTGTTGCTGTGATCA
 TGCTCCTTACGATGCAATGGTCATGGTGAACATTGCACATTATGTTGATGAGAGAGTCTAGAGACAGAA
 GGAAGATGGAAGGTTCCAGAAAAGTCCGGGACATACCATGCCAGAGGAGCTGGTCTTCACTGTGGATG
 AGAAAAATCTGAATGATGTATCCCAAGCCAAAGCCCAACATCTCAAAGCTGCGTCAGATCTCAGATAGC
 AGCATCTACCTTCACATCTTTTGGCAAAAAGCTCACCAAGGAGGAAGCCCTTCACCTGATACCTTTATT
 CAGCTCGCTCTTCAGCTTGCCTACTACAGACTTCATGGACGCCCTGGTTGCTGCTATGAGACAGCTATGA
 CAAGATACTTTTACCACGGCCGAACAGAGACTGTGCGATCTTGTACAGTGGAGGCCGTCAGGTGGTGCCA
 GTCCATGCAGGATCCCTCTGCTAGTCTCCTTGAACGTCAGCAAAAGATGCTAGAAGCTTTTGCAAGCAT
 AATAAGATGATGAAAGATTGTTACATGGAAAAGGATTGACCGTCACCTTTTAGGTCTTTTGCTCATAG
 CAAAAGAGGAAGTCTCCCTGTTCCAGAACTATTTGAGGACCACTTTTCTCCAGAAAGTGGAGGAGGTGG
 AAATTTTGCTCTCAACAAGTTTGGTGGTACTTACGAGTTACAGGTGTTGTGGTCCCATGTTACAC
 AATGGATATGGATTTTCTACCACATCAGAGATGACAGGTTTGTGGTGGCATGTTTCATCCTGGAGGTGAT
 GTCCGGAGACTGATGCTGAAAAGCTTGTTCAGATGATTTTTCATGCTTTCCACGATATGATACAGCTGAT
 GAACACCGCTCATCTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209410 representing NM_023733
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MENQLTKSVEERTFYQYQDSLPLPVPALLESLLKYLESVKPFANEDEYKKTEEIVQKFQEGAGKRLHQKL
 LERARGKRNWLEEWLNVAYLDVRIPSQLNVNFVGPCHFEHYWPAREGTQLERGSMLLWHNLNYWQLLR
 REKLPVHKSGNTPLDMNQFRMLFSTCKVPGITRDSIMNYFKTESEGHCPHTIAVLRCRGAFFVDVLHEGC
 LITPELLRQLTYIHKKSNEPVGPSIAALTSEERTRWAKAREYLISLDPENLTLEKIQTSLFVYSIED
 SSPHATPEEYSQVFEMLLGGDPSVRWGDKSYNLISFANGIFGCCDHAPYDAMVMVNIHYVDERVLETE
 GRWKGSEKVRDIPLPEELVFTVDEKILNDVSQAKAQLKAASDLQIAASTFTSFGKKLTKEALHPDTFI
 QLALQLAYYRLHGRPGCCYETAMTRYFYHGRTEVRSCTVEAVRWCQSMQDPSASLLERQKMLEAFKHK
 NKMMKDCSHGKGFDRHLLGLLLIAKEGLPVPELFEDPLFSRSGGGGNFVLSTSLVGYLRVQGVVPMVH
 NGYGFFYHIRDRFVVACSSWRSCPETADEKLQMIFFAHFDMIQLMNTAHL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_023733
ORF Size:	1836 bp
Buffer:	PBS with 0.001% Pluronic F520
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_023733.3, NP_076222.1</u>
RefSeq Size:	2803 bp
RefSeq ORF:	1839 bp
Locus ID:	74114
UniProt ID:	<u>Q9DC50</u>
Cytogenetics:	5 A1
MW:	70.3 kDa