

Product datasheet for **MR210550A1V**

Mouse Cul3 (NM_016716) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Cul3 (NM_016716) AAV Particle
Tag:	Myc-DDK
Symbol:	Cul3
Synonyms:	KIAA0617
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210550 representing NM_016716
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGCAATCTGAGCAAAGGCACGGGCAGCCGGAAGGACACCAAGATGCGGATCCGGGCCTTTCCGATGA
 CCATGGATGAAAAATATGTAAACAGCATTTGGGACCTTCTGAAAAATGCAATTCAGAAATCCAGCGTAA
 GAATAACAGTGGTCTTAGTTTTGAGGAGCTCTATAGAAATGCATATACAATGGTTTTGCATAAACATGGA
 GAAAAGCTCTACACTGGACTAAGAGAAGTTGTTACTGAACATCTCATAAATAAGGTGCGAGAAGATGTAC
 TAAATTCATTGAATAACAACCTTTCTTCAAACACTAAATCAAGCTTGAATGATCATCAAACAGCCATGGT
 GATGATTAGAGACATATTAATGTATATGGACCGTGTATATGTACAACAGAATAATGTAGAAAATGTCTAC
 AATTTGGGATTAATAATTTTCGAGATCAAGTTGTACGGTATGGGTGATTAGGGATCATCTTCGGCAAA
 CTTTATTGGATATGATTGCCAGAGAGCGAAAGGAGAAGTTGTAGACAGAGGAGCAATAAGAAATGCTTG
 CCAGATGTTAATGATTTTAGGTCTTGAAGGAAGATCAGTCTATGAGGAAGATTTTGAGGCTCCGTTTTTG
 GAAATGTCTGCAGAAATTTTTCAGATGGAAGCCAGAAATTTTTCAGAGAAAACAGTGCTTCAGTATATA
 TAAAGAAAGTAGAAGCTAGGATTAATGAGGAAATAGAGCGGGTATGCACTGCCTTGACAAATCCACAGA
 AGAGCCTATTGTGAAGGTGGTGGAGAGGGAACCTATTTCCAAGCACATGAAGACTATTGTAGAAATGGAA
 AATTCTGGGCTAGTACATATGCTGAAAAATGGAAGACAGAAGACCTTGCTTGCATGTACAAATTATTTA
 GTCGTGTGCCAAATGGTTTGAAGACCATGTGTGAATGTATGAGTTGTTATTTGAGGGAACAAGGAAAAGC
 CCTTGTTCTGAGGAAGGAGAAGGGAAGAATCCTGTGACTATATCCAGGGCTTATTGGATCTAAAGAGT
 AGGTTTGATCGCTTCTCCAAGAATCCTCAATAATGACCGGCTCTTTAAACAGACTATTGCTGGGGACT
 TCGAGTATTTCTTAAACCTCAACTCAGGTCTCCTGAATACCTCTCATTATTTATTGATGATAAACTGAA
 AAAGGGAGTCAAAGGGCTAACAGAAACAAGAAGTAGAAACAATATTGGATAAGGCAATGGTCCTTTTAGG
 TTTATGCAAGAAAAAGATGTATTTGAACGTTATTATAAAACAACCTGGCAAGAAGACTGCTCACAAATA
 AAAGTGTCTGATGACTCTGAGAAAAATATGATTTCTAAATTAAGACTGAGTGTGGATGTCAATTCAC
 ATCGAAACTGGAAGGAATGTTTAGGGATATGAGCATCTCAAACACAACCTATGGATGAGTTCAGGCAACAT
 CTACAGGCAACGGGGTCTCTTAGGTGGTGTGATCTCACAGTCCGGGTTCTCACAACGGGATATTGGC
 CTACTCAGTCAGCCACACCAAGTGCAACATCCCACCAGCACCAAGACATGCTTTTGAGATATTTAGAAG
 GTTCTACTTAGCCAAACACAGTGGTCGACAGCTCACACTCCAGCATCACATGGGTCTGCAGATCTCAAT
 GCCACCTTTTATGGTCCAGTTAAAAAGGAAGATGGATCTGAGGTTGGTGTGGCGGTGCACAAGTAACTG
 GTTCTAATACACGGAAGCACATACTGCAAGTCTCCACTTTCAGATGACCATATTAATGCTTTTTAATAA
 TAGAGAGAAGTACACATTTGAGGAAATTCACAAGAGACAGATATCCCTGAAAGAGAAGTGTAGAGCC
 CTCCAGTCCCTCGCCTGTGGTAAACCAACACAGCGGCTCTCAGAAAAGAACCAAGTCCAAGGAGATAG
 AAAGTGCCACATATTTACAGTTAATGATCAATTCACATCTAACTACACAGAGTCAAGATTCAAACAGT
 TGCAGCCAAACAAGGTGAATCCGACCCAGAAAGGAAAGAAACAAGACAGAAAGTAGATGATGACAGAAAA
 CATGAGATAGAAGCTGCTATAGTGCGAATAATGAAGTCTAGGAAGAAGATGCAGCACAATGTTTTAGTAG
 CAGAGGTAACTCAGCAACTGAAGGCTCGATTCTTACCAAGTCCAGTTGTTATTAAGAAACGTATTGAAGG
 ACTTATTGAGAGAGAATATTTGGCACGAACACCTGAGGATCGCAAAGTATACACATATGTAGCA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210550 representing NM_016716 Red=Cloning site Green=Tags(s) MSNLSKGTGSRKDTKMRIRAFPMTMDEKYVNSIWDLLKNAIQEIQRKNNSGLSFEELYRNAYTMVLHKHG EKLYTGLREVVTEHLINKVREDVLNSLNNNFLQTLNQAWNDHQTAMVMIRDILMYMDRVVYQQNNVENVY NLGLIIFRDQVVRYGCIRDHLRQTLLDMIARERKGEVVDRGAIRNACQMLMILGLEGRSVYEEDFEAPFL EMSAEFFQMESQKFLAENSASVYIKKVEARINEEIERVMHCLDKSTEETIVKVVVERELISKHMKTIVEME NSGLVHMLKNGKTEDLACMYKLF SRVPNGLKTMCECMSCYLREQKALVSEEGEGKNPVDYIQGLDLKS RFDRFLQESFNNDRLFQQTIAAGDFEYFLNLSRSPEYLSLFIIDDKLKKGVKGLTEQEVETILDKAMVLF FMQEKDVFERYYKQHLARRLLTNKSVSDDSEKNMISKLKTECGCQFTSKLEGMRDMSISNTTMDFRQH LQATGVSLLGGVLTVRVLTGGYWTQSATPKCNIPAPRHAIFEFRFYLAHSGRQLTLQHMGSAADLN ATFYGPVKKEDGSEVGVGAQVTGSNTRKHILQVSTFQMTILMLFNNREKYTFEEIQQETDIPERELVRA LQSLACGKPTQRVLTKEPKSKEIESGHIFTVNDQFTSKLHRVKIQTVAAKQGESDPERKETRQKVDDDRK HEIEAAIVRIMKSRKKMQHNVLVAEVTQQLKARFLPSPVVIKKRIEGLIEREYLARTPEDRKVYTYVA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_016716
ORF Size:	2304 bp
Buffer:	PBS with 0.001% Pluronic F1633
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_016716.4</u>
RefSeq Size:	2764 bp
RefSeq ORF:	2307 bp
Locus ID:	26554
UniProt ID:	<u>Q9JLV5</u>
Cytogenetics:	1 C5
MW:	89.4 kDa