

Product datasheet for **MR213352A1V**

Mouse Cpa5 (NM_144537) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Cpa5
Synonyms:	4930430M09Rik
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >MR213352 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGCAGGGCACCCAAAGAGGAGGACTAGTCCCTGGGCTGTCCCTCTGGACAGACGGACACTTCTGTTCT
GCAACTTTATCTTGCTGTAGCTTGGGGCCAAGTGAATTCACAGGAGACCAGGTTCTTCGAGTCTGGC
CAAAATGAGAAGCAGCTGTCACTTCTCAGGGATCTGGAGACCCAGAAGCCCCAGAAGGTGGACTTCTGG
CGTGGCCCGACCCAGACCTAGCCTCCCTGTGGACATGAGAGTTCCTTCTCTGAAGTCCCGAGTGTAAAG
CTTATTTGAAGTCTCATGGCCTTGCTACAGCATCATGATAAAGGACATCCAGGTGCTACTGGATGAAGA
GAGAGACCCATGGCAAAGTCTCGCAGGCTGGAACGCAGTACCAACAGCTTCAGCTATTCCTCTTATCAC
ACCCTGGACGAGATATATAGTTGGATCGACAACCTTGTAGCTGAACATTCTAATCTTGTCTCCAAATTC
ACATTGGCAAGAGCTTTGAAAACCGGTCCATTCTTGTCTGAAGTTCAGCACTGGAGGTCCAAATCGCCC
GGCTATCTGGATTGACACTGGGATTCATTCCAGAGAGTGGATCACCCATGCCACCGGCATCTGGATCTCG
CAGAAGATTGTCAATGCATACGGCAAAGACCATGTCTTGAAGAGGATATTGAACACTATGGACATTTTCA
TAGAGATTGTCACTAACCCGATGGCTTTGCTTTTACTCATAGCATGAACCGCTTATGGCGAAAAACAA
GTCAAGTCAACCCGGCATCTTCTGCATTGGCGTGGACCTCAACAGGAAGTGAAGGCAGGCTTCGGAGGA
AATGGTTCTAACAAAAACCCCTGCTCAGAGACTTACCGAGGGCCTGCACCTGAGTCAGAGCCAGAGGTAG
CTGCAATTGTGGACTTCATCACTGGCCATGGGAACCTCAAAGCTATGATCTCCATCCACAGCTACTCTCA
GATGGTCATGTATCCTTATGGCCATTCTCTGGAGCCTGTACCTAACACGAAGAGCTGTTCAATCTTGCC
AAGGATGCAGTAAAGGCTCTCAACAAGTTTACGGGATCCAGTACATTTTGGCAGCATCAGCACCACCC
TCTATTCAGCCAGTGGGATCTCGGTGGACTGGGCTTATGACAGCGGCATCAAGTATGCCTTCAGCTTCGA
GCTCCGGGACACTGGACAATATGGCTTCTGCTGCCAGCCTCACAGATTGTCCACAGCCGAGGAGACA
TGGATGGCATTACAGACCATCATGAAACACACCTGAATCACCCCTAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>MR213352 protein sequence Red=Cloning site Green=Tags(s) MQGTQRGGLVPGLSPLDRRTLLFCNFILAVAWGQVNFTGDQVLRVLAKNEKQLSLLRDLETQKPQKVDFW RGPAPRSLPVDMRVPFSELPVKAYLKSHGLAYSIMIKDIQVLLDEERDAMAKSRRLERSTNSFSYSSYH TLDEIYSWIDNFVAEHSNLVSKIHIGKSFENRSILVLKFSTGGPNRPAIWIDTGIHSREWTHATGIWIS QKIVNAYGKDHLKRIKILNTMDIFIEIVTNPDGFAFTHSMNRLWRKNKSSQPGIFCIGVDLNRNWKAGFGG NGSNKNPCSETYRGPAPSEPEVAIVDFITGHGNFKAMISIHYSQMVMYPYGHSLPVPNHEELFNLA KDAVKALNKVHGIQYIFGSISTTLYSASGISVDWAYDSGIKYAFSFEIRDGTGQYGFLLPASQIVPTAET WMALQTIMKHTLNHPY TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_144537
ORF Size:	1308 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_144537.3</u> , <u>NP_653120.1</u>
RefSeq Size:	1963 bp
RefSeq ORF:	1311 bp
Locus ID:	74649
UniProt ID:	<u>Q8R4H4</u>
Cytogenetics:	6 A3.3
MW:	49.2 kDa