

## Product datasheet for **MR208487A1V**

### Mouse Kpna2 (NM\_010655) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Kpna2 (NM_010655) AAV Particle
Tag:	Myc-DDK
Symbol:	Kpna2
Synonyms:	2410044B12Rik; IPOA1; PTAC58; Rch1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR208487 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCCACGAACGAGAATGCTAACTTACCAGCTGCCCGACTTAACAGGTTCAAGAACAAGGGGAAGGACA  
 GCACAGAAATGCGTCGCCGCGAATAGAAGTTAATGTGGAACCTCAGGAAAGCTAAAAAGATGAGCAGAT  
 GCTGAAAAAGAAGAACGTCAGCTCCTTTCTGTATGCTACTTCTCCGCTACAGGAAAAACCGAAACAAC  
 CAGGGTACTGTAAATGGTCTGTTGAGGACATTGTTAAAGGCATAAACAGTAACAATTTGGAAAGCCAGC  
 TCCAAGCTACTCAAGCTGCTCGGAAATGCTTTCTAGAGAGAAACAGCCTCCTATAGACAACATCATCCG  
 GGCTGGTTTATCCAAAATTTGTGCTTCTTGGGCAAACTGATTGTAGTCTATTAGTTTGGTCT  
 GCTTGGGCACTACCAACATTGCTTCTGGAACATCTGAACAGACCAAGCTGTGGTGGATGGAGGTGCTA  
 TCCAGCGTTTATTTCTCTCTTGGCATCTCCTCATGCTCACATCAGCGAGCAAGCTGTTGGGCTCTTG  
 AAACATTGCAGGTGATGGTTGAGCTTTCCGAGACTTAGTTATCAAACACGGTGGCATTGACCCACTGTTG  
 GCACTTCTTGAGTCCCGATCTGTCTACCTTGGCATGTGGTACTTACGTAATCTTACCTGGACGCTTT  
 CAAACCTTTGTGAAACAAGAACCCTGCACCTCCCTTAGATGCCGTTGAGCAGATTCTTCTACGTTAGT  
 TCGACTCTGCACCACAATGATCCAGAAGTATTGGCAGATTCTGCTGGGCCATTTCTACCTGACTGAT  
 GGTCCAATGAGCGCATTGAGATGGTTGTGAAGAAAGGAGTTGTTCCCAACTTGTGAAGCTTCTAGGAG  
 CTACTGAACTGCCATTGTGACTCCCGCACTAAGAGCCATAGGGAATATTGCTACTGGAACAGATGAGCA  
 GACTCAGAAAGTATCGATGCAGGAGCACTTGCAGTCTTCCAGCCTGCTAACAAACCCCAAACTAAT  
 ATTCAGAAGGAGGCCACATGGACAATGTCGAACATTACAGCTGGACGCCAGGACCAGATACAGCAAGTTG  
 TGAATCACGGCTAGTCCCTTTCTTGGTGTCTCTAAGGCGGACTTTAAGACACAGAAGGAGGC  
 CGCGTGGGCTATAACCAACTATACCAGCGGTGGGACTGTTGAGCAGATTGTGTATCTCGTTCAGTGTGGG  
 ATAATAGAACCTTTGATGAACCTCTGAGTGCAAAAGATACCAAGATTATTCAGGTTATTTCTGACGCCA  
 TTTCAAATATCTTTCAGGCTGCAGAGAACTAGGTGAGACAGAAAAGCTTAGTATAATGATTGAAGAGTG  
 TGGAGGCTTGGATAAAATGAAGCACTACAGAGGCATGAAAACGAGTCTGTATACAAGGCCTCATTGAAC  
 TTAATTGAGAAGTACTTCTCAGTGGAGGAAGAGGAAGTCAAAATGTGGTGCCAGAACTACCTCTGAAG  
 GCTTCGCCTTCCAAGTTCAGGATGGAGCTCTGGGACCTTAACTTC

**ACGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR208487 protein sequence  
 Red=Cloning site Green=Tags(s)

MSTNENANLPAARLNRFKNKGKDGSTEMRRRIEVNVELRKAKKDEQMLKRRNVSSFPDDATSPLQENRNN  
 QGTVNWSVEDIVKGINSNLESQIQATQAARKLLSREKQPPIDNIIRAGLIPKFVSFLGKTDCSPIQFES  
 AWALTNIASGTSEQTKAVVDGGAIPAFISLLASPHAHISEQAVWALGNIAGDGSFRDLVIKHGAIDPLL  
 ALLAVPDLSTLACGYLRNLTWLTLNLNRKNPAPPLDAVEQILPTLVRLHNDPEVLADSCWAIISYLT  
 GPNERIEMVVKGVVQVLKLLGATELPIVTPALRAIGNIVTGTDEQTKVIDAGALAVFPSLLTNPKTN  
 IQKEATWTMSNITAGRQDQIQVYVNHGLVPFLVGVLSKADFKTQKEAAWAITNYTSGGTVEQIVYLVHCG  
 IIEPLMNLISAKDTKIIQVILDAISNIFQAAEKLGETEKL SIMIEECGLDKIEALQRHENESVYKASLN  
 LIEKYFSVEEEDQNVVPETTSEGFQVQDGPATFNF

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_010655

**ORF Size:**

1590 bp

<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_010655.3</a></u> , <u><a href="#">NP_034785.1</a></u>
<b>RefSeq Size:</b>	2071 bp
<b>RefSeq ORF:</b>	1590 bp
<b>Locus ID:</b>	16647
<b>UniProt ID:</b>	<u><a href="#">P52293</a></u>
<b>Cytogenetics:</b>	11 E1
<b>MW:</b>	57.9 kDa