

Product datasheet for **MR208582A1V**

Mouse Kpna6 (NM_008468) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Kpna6 (NM_008468) AAV Particle
Tag:	Myc-DDK
Symbol:	Kpna6
Synonyms:	IPOA7; Kpna5; NPI-2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR208582 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

 ATGGAGACCATGGCAAGCCCAGGGAAGGACAATTATCGAATGAAGAGCTATAAGAACAATGCCTTAAACC
CTGAGGAAATGAGACGAAGGAGGAGGAAGAGGGCATTAGCTTCGGAACAGAAAGCGGGAACAACAACCT
TTTTAAACGGAGAAATGTAGAGCTGATTAATGAAGAAGCTGCCATGTTTGATAGTCTGCTGATGGATTCC
TACGTAGCTCTACAACCTGGGAGAGCGTGATCACGAGAGAGATGGTAGAGATGCTCTTCTCGGACGACT
CTGACTTGCAGTTAGCAACCACGCAGAAATCCGGAACTCCTGTCCAAAGAGCCGAGTCTCCAATAGA
TGAAGTTATTAACACTCCAGGAGTAGTTGATCGGTTTGTGGAGTTTCTGAAGAGAAATGAGAATTGTACA
TTGCAGTTTGAAGCTGCCTGGGCTCTAACAAACATTGCCTCTGGAACGTCTCAGCAGACCAAAATTTGTCA
TTGAAGCAGGAGCTGTCCCCATTTTATAGAGTTACTTAACCTCAGACTTTGAAGATGTACAAGAACAGGC
AGTGTGGGCGCTTGGAAACATCGCTGGAGATAGCTCGCTTTCAGGGATTATGTCTTGAATTGCTCCATC
CTTAACCCCTTGTAACTACTCTTAACTCCACAGCTGACAATGACACGGAATGCAGTCTGGGCC
TGTCAAACCTCTGCCGAGGCAAGAACCCTCCTCCAGAGTTTGCAAGGTCTCTCCTTGTTCCTGTATT
GTCCCGACTGCTCTTACGAGTGAAGTCTGAGCTTGTGCGAGATGCTTGTGGGCCCTCTCCTACCTGTCT
GATGGCCCAATGAGAAGATCCAGGCAGTCATAGACTCTGGAGTCTGCCGGAGATTGGTAGAGCTTCTGA
TGCACAACGATTACAAAGTGGCGTCTCCTGCCTTGAGAGCTGTGGTAATATTGTCACTGGGGATGACAT
CCAGACCCAGGTCACTTCTAATTGTTTACGCCCTCCCTTGCCTCCTCCACTACTGAGCAGCTCTAAGGAA
TCAATCCGGAAGGAAGCTTGTGGACCATTTCAAACATCACTGCTGGCAACAGGGCTCAAATACAGGCTG
TCATAGATGCAACATCTTCCCTGTATTGATTGAAATCCTTCAGAAAGCAGAGTCCGTACAAGGAAAGA
AGCAGCCTGGGCCATCACCAACGCCACATCAGGAGGAACCTCCTGAGCAAATCAGGTACCTGGTATCACTG
GGCTGCATTAAGCCCCTGTGTGACTTGTGACTGTAATGGATTCAAAAATTGTGCAAGTGGCCCTCAATG
GACTAGAGAACATTCTTCGGCTTGAGAGCAAGAAAGCAAGCGTAGTGGCTCAGGGGTCAATCCCTACTG
TGGCCTCATCGAGGAAGCCTATGGCTTGGATAAAATTGAGTTTCTCCAGAGCCACGAGAACCAGGAAATC
TACCAGAAGGCCTTTGACCTCATTGAGCACTACTTTGGTGTAGAGGATGACGACAGCAGCCTGGCTCCTC
AGGTGGATGAGACGCAACAGCAGTTCATCTTCCAGCAGCCTGAGGCCCCCATGGAGGGCTTCCAGCTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208582 protein sequence

Red=Cloning site Green=Tags(s)

 METMASPGKDNYRMKSYKNNALNPEEMRRRREEEGIQLRKQKREQQLFKRRNVELINEEAMFDSLLMDS
YVSSTTGESVITREMVEMLFSDSDLQLATTQKFRKLLSKEPSPPIDEVINTPGVVDRFVEFLKRNENCT
LQFEAAWALTNIASGTSQQTIVIEAGAVPIFIELLNSDFEDVQEAVWALGNIAGDSSLCDYVNLNCISI
LNPLLLTLTKSTRLTMRNAVWALSNLCRGKNPPPEFAKVSPCLPVLSRLLFSSDSDLADACWALSYSLS
DGPNEKIQAVIDSGVCRRLVELLMHNDYKVASPALRAVGNIVTGDDIQTQVILNCSALPCLLHLLSSSKE
SIRKEACWTISNITAGNRAQIQAVIDANIFPVLEILQKAEFRTRKEAAWAITNATSGGTPEQIRYLVS
GCIKPLCDLLTVMSKIVQVALNGLNLEILRLGEQESKRSGSVNPYCGLEEEAYGLDKIEFLQSHENQEI
YQKAFDLIEHYFGVEDDDSSLAPQVDETQQQFIFQQPEAPMEGFQL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_008468

ORF Size:

1608 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:	NM_008468.2 , NP_032494.3
RefSeq Size:	5711 bp
RefSeq ORF:	1611 bp
Locus ID:	16650
UniProt ID:	O35345
Cytogenetics:	4 D2.2
MW:	60 kDa