

## Product datasheet for **MR208688A1V**

### Mouse Pip5k1a (NM\_008847) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Pip5k1a (NM_008847) AAV Particle
Tag:	Myc-DDK
Symbol:	Pip5k1a
Synonyms:	PI4P5K-I[a]; PIP5K1-alpha; PIP5K1alpha; Pipk5a
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR208688 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGTCCGCCTCTCAGGCCAGCGCGCCGGGTTTTTCATCCCTTGATGCCGGGGCCCTGCTGGTA  
 CCGCAGCAGCATCTGGAATCAAGAGAGCCACAGTATCTGAGGGACCTTCGCCTCTGTATGCCTGTTAA  
 AAAAATAGCCATCGAAGTGTGATTCTCTGGAGAGACTACATAACAAGAAGACAACCTCATCAGCCTTG  
 AAAGGTGCCATCCAGTTAGGCATCACTCACACTGTGGCAGCCTGAGCACAAACCAGAGCGTGATGTCC  
 TCATGCAAGACTTCTACGTGGTGGAGAGCATCTTTTTCCCAAGTGAAGGCAGCAACCTGACACCGGCTCA  
 CCATTACAATGACTTTGATTCAAGACCTATGCGCCTGTTGCCTTCCGTTACTTCAGAGAGCTCTTTGGC  
 ATCCGGCCTGATGATTACTTGTACTCCCTTTCAGTGAGCCATTGATTGAACTCTCCAATTCTGGAGCTA  
 GTGGTTCCTCTCTATGTGTCCAGTGATGATGAATTCATCATTAAAGACCGTCCAGCATAAAGAAGCAGA  
 ATTTCTGCAGAAGTTGCTTCCAGGATACTACATGAATCTTAACCAAAACCTCGTACTTTGCTGCCAAA  
 TTTTATGGATTGACTGTGTGCAAGCAGCGCGCAAGAACATACGAATTGTGGTGTGAACAATCTCTTGC  
 CTCGGTCAGTCAAAATGCATATGAAATATGACCTGAAGGGTCAACTTACAAGCGCGGGCTTCTCAGAA  
 AGAACGAGAGAAAACCTCTCCCCACCTTAAAGACCTGGACTTCCTACAAGATATCCCTGACGGCCTATTT  
 TTGGATGCTGACATGTACAGTGTCTGTGTAAGACTCTACAGCGTGACTGTTGGTGTGCTGCAGAGCTTCA  
 AGATAATGGACTACAGCCTGTTGATGTCCATCCACAACATGGACCATGCACAGAGGGAGCCACGAGCAA  
 TGACACACAGTACTCGGCTGACACGCGCAGACCAGCCCCACAGAAGGCGCTCTATTCCACAGCTATGGAA  
 TCCATCCAGGGCGAGGCTCGACGGGCGGCACGTGGAGACTGAGGACCACATGGGTGGCATCCCTGCC  
 GGAATAACAAAGGAGAAAAGGCTCCTGCTTATATTGGCATATTGATATTCTTCAGTCTACAGGTTTGT  
 TAAGAAGTTGGAGCACTCTTGGAAAGCACTGGTCCATGATGGGATACGGTGTGAGTGCATCGTCCAGGC  
 TTCTATGCTGAGCGGTTCCAGCGTTTCTGTGCAACACAGTGTTCAAGAAGATTCCCTTGAAGCCTTCTC  
 CTACCAAAAAGTTTCGGTCTGGCCCGTCTTCTCTCGGCGATCAGGCCCCAGCGGCAACTCCTGCACCTC  
 CCAGCTGATGGCCTCTGGGGAACACAGAGCACAAGTGACCACCAAGGCGGAAGTGGAGCCAGATGTACAC  
 CTTGGGCGTCTGATGTCTTACCTCAGACTCCACCTTTGGAGGAAATAAGTGAAGGTTTACCTGTTCTCTG  
 GCCCAGTTTCTCACCTGTAGTTGGACAACCTTTCGAAATACTAAATTTGAGTTCAACCTTGGAAAAGCT  
 TGATGTTGCAGAGTCAGAGTTCACCCAC

**ACGCGT**ACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR208688 protein sequence  
 Red=Cloning site Green=Tags(s)

MASASSGPAAGFSSLDAGAPAGTAAASGIKTRATVSEGPSASVMPVKKIGHRSVDSSGETTYKKTSSAL  
 KGAIQLGITHTVGSLSKPERDVLMDQFYVVEISFFPSEGSNLTPAHYNDFRFKTYAPVAFRYFRELFG  
 IRPDDYLYSLCSEPLIELNSGASGSLFYVSSDDEFIIKTVQHKEAEFLQKLLPGYYMNLNQNPRLLPK  
 FYGLYCVQAGGKNIRIVVMNLLPRSVKMHMKYDLKGSTYKRRASQKEREKTLPTFKDLDFLQDIPDGLF  
 LDADMYSALCKTLQRDCLVLQSFKIMDYSLLMSIHNMDHAQREPTSNDTQYSADTRRPAPQKALYSTAME  
 SIQGEARRGGTVETEDHMGGIPARNNGERLLL YIGIIDILQSYRFVKKLEHSWKALVHDGDTVSVHRPG  
 FYAERFQRFCMNTVFKKIPLKPSPTKKFRSGPSFSRRSGPSGNSCTSQLMASGEHRAQVTTKAEVEPDVH  
 LGRPDLVLPQTPLEEISEGSPVPGPSFSPVVGQPLQILNLSSSTLEKLDVAESEFTH

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_008847

<b>ORF Size:</b>	1641 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_008847.2</a></u>
<b>RefSeq Size:</b>	3673 bp
<b>RefSeq ORF:</b>	1641 bp
<b>Locus ID:</b>	18720
<b>UniProt ID:</b>	<u><a href="#">P70182</a></u>
<b>Cytogenetics:</b>	3 F2.1
<b>MW:</b>	60.5 kDa