

Product datasheet for **MR226260A1V**

Mouse Pnpla2 (NM_001163689) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Pnpla2 (NM_001163689) AAV Particle
Tag:	Myc-DDK
Symbol:	Pnpla2
Synonyms:	0610039C21Rik; 1110001C14Rik; Atgl; TTS-2.2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR226260 representing NM_001163689
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTCCCGAGGGAGACCAAGTGAACATCTCATTGCTGGCTGCGGCTTCTCGGGGTCTACCACATTG
 GCGTGGCTCCTGCCTCCGTGAGCACGGCCCTTCTGGTGGCCAACGCCACTCACATCTACGGAGCCTC
 GGCAGGGGCGCTCACCGCCACAGCGCTGGTCACTGGGGCTGCCTGGGTGAAGCAGGTGCCAACATTATT
 GAGGTGTCCAAGGAGGCCGGAAGCGGTTCTGGGTCCTGTCATCCCTCCTTCAACCTGGTGAAGACCA
 TCCGTGGCTGTCTACTAAGACCCTGCCTGCTGATTGCCATGAGCGGCCAATGGACGCCTGGGCATCTC
 CCTGACTCGTGTTCAGACGGAGAGAACGTATCATATCCCACTTTAGCTCCAAGGATGAGCTCATCCAG
 GCCAATGTCTGCAGCACATTTATCCCGGTGACTGTGGCCTATTCTCTACCCTCCAAGGGTGGCT
 ATGTGGATGGCGCATTTAGACAACCTGCCACTTTATGAGCTGAAGAATACCATCACAGTGTCCCATT
 CTCAGGGGAGAGTGACATCTGCCCTCAGGACAGCTCCACCAACATCCACGAGCTTCGCGTCACCAACACC
 AGCATCCAGTTCAACCTTCGCAATCTCTACCGCTCTCGAAGGCTCTCTCCCGCCAGAGCCCATGGTCC
 TCCGAGAGATGTGAAACAGGGCTACAGAGATGGACTTCGATTCTTAGGAGGAATGGCCTACTGAACCA
 ACCCAACCCTTTGCTGGCACTGCCCCAGTTGTCCCCAGGAAGAGGATGCAGAGGAAGCTGCTGTGGT
 GAGGAGAGGGCTGGAGAGGAGGATCAATTGCAGCCTTATAGAAAAGATCGAATTCTAGAGCACCTGCCTG
 CCAGACTCAATGAGGCCCTGCTGGAGGCTGTGTGGAACCAAGGACCTGATGACCACCTTTTCCAACT
 GCTACCACTGCGCCTGGCAACGGCCATGATGGTCCCTATACTCTGCCGCTGGAGAGTGCAGTGTCTTC
 ACCATCCGCTTGTGGAGTGGCTGCCTGATGTCCCTGAAGATATCCGGTGGATGAAAGAGCAGACGGGTA
 GCATCTGCCAGTATCTGGTGTGAGGGCCAAAGGAAATGGGTGGCCATCTGCCTTCCAGACTGTGA
 GCAGGTGGAACCTGCGACGTGCCAGTCTCTGCCCTCTGTGCCACTGTCTTGCGCCACCTACAGTGAAGCC
 CTACCCAACTGGGTACGAAACAACCTCTCACTGGGGGACGCGCTGGCCAAGTGGGAAAGATGCCAGCGTC
 AGCTACTGCTGGGTCTTCTGCACCAATGTGGCCTTCCCGCGGATGCCTTGGCGATGCGCGCACCTGC
 CAGCCCCACTGCCGAGATCCTGCCACCCACAGGATCCACCTGGCCTCCCGCTTGC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR226260 representing NM_001163689
 Red=Cloning site Green=Tags(s)

MFPRETKWNISFAGCGFLGVYHIGVASCLREHAPFLVANATHIYGASAGALTATALVTGACLGEAGANII
 EVSKEARKRFLGPLHPSFNLVKTIIRGCLLKTLPADCHERANGRLGISL TRVSDGENVIISHFSSKDELIQ
 ANVCSTFIPVYCGLIPPTLQGVRYVDGGISDNLPL YELKNTITVSPFSGESDIPQDSSSTNIHELVRTNT
 SIQFNLRNLYRLSKALFPPEPMVLREMCKQGYRDGLRFLRRNGLLNQPNPLALPPVVPQEEDAEEAAV
 EERAGEEDQLQPYRKDRILEHLPARLNEALLEACVEPKDLMTTLSNMLPVRLATAMMVPYTLPLESAVSV
 TIRLLEWLPDVPEDIRWKEQTGSICQYLVMAKRKLGHLPSRLEQVELRRAQSLPSVPLSCATYSEA
 LPNWVRNLSLGDALAKWEECQRQLLLGLFCTNVAFPPDALRMRAPASPTAADPATPQDPPGLPCC

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001163689

ORF Size:

1458 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_001163689.1, NP_001157161.1</u>
RefSeq Size:	2635 bp
RefSeq ORF:	1461 bp
Locus ID:	66853
UniProt ID:	<u>Q8BJ56</u>
Cytogenetics:	7 F5
MW:	54.1 kDa