

Product datasheet for **MR209549A1V**

Mouse Pmel (NM_021882) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Pmel (NM_021882) AAV Particle
Tag:	Myc-DDK
Symbol:	Pmel
Synonyms:	D10H12S53E; D12S53Eh; gp87; gp100; Pmel17; Si; Silv
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209549 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

 ATGGGTGTCCAGAGAAGGAGCTTCTTCCCGTGCTTGCTGAGTGCTGCTGGCTGTGGGGCCCTAG
AAGGATCCAGGAATCAGGACTGGCTTGGTGTCCTCAAGACAACCTTGAACATAAACCTGGAACAGGCAGCT
GTACCCCGAGTGGACAGAGGTGCAGGGTCTAACTGCTGGAGAGGTGGCCAGGTATCTCTGAGGGTCATT
AATGATGGGCCTACACTGGTTGGTGCAAATGCCTCTTTTCCATTGCCCTGCACTTCCCTGGAAGTCAAA
AGGTACTACCGGATGGTCAGGTTATCTGGGCCAACACCATCATCAATGGGAGCCAGGTGTGGGGAGG
ACAGCCAGTGTATCCACAGGAGCCTGATGATGCCTGTGTCTTCCCTGACGGTGGACCCTGCCATCTGGT
CCTAAACCTCCGAAGAGAAGCTTTGTTTATGTTTGAAGACCTGGGAAAATACTGGCAAGTTCTGGGGG
GTCCAGTGTCCAGGCTGAGCATTGCTACGGGCCACGAAAGCTGGGCACACACACAATGGAAGTGACTGT
CTACCACCGACGGGTTCCAGAGCTACGTGCCCTTGCTCACGCCAGTTCAACCTTACCATTACTGAC
CAGGTACCTTTCTCCGTGAGTGTGTCCAGCTACAGGCCCTGGACGGAGAGACCAAGCACTTCTGAGAA
ATCATCTCTCATCTTTGCCCTTCAGCTCCACGACCCAGTGGTATTTGGCCGAGGCCGACCTCTCCTA
CACATGGGACTTTGGAGATGGTACTGGGACCCTGATCTCTCGGGCACTTGATGTCACTCACACTTACCTG
GAGTCGGGCTCAGTCACTGCCAGGTGGTACTGCAGGCTGCCATTCTCTTGTTCCTGTGGTTCCTCCC
CAGTCCCGGTACACAGATGGTACATGCCAACTGCAGAAGCACCTGGAACACATCTAGGCAAGGAAC
CACTACAAAAGTTGTGGTACTACACCTGGCCAGATGCCAACTACACAGCCCTCTGGAACACAGTTGTA
CAAATGCCAACACAGAGGTACAGCTACTACATCTGAGCAGATGCTGACCTCAGCGGTATAGATACCA
CACTGGCAGAGGTGTCAACTACAGAGGTACAGGTACCAACCCACAAGGCCCTTCTGGAACACCGTTGC
ACAAGCAACAACACAGAGGGTCCAGATGCCAGCCATTGCTGCCACACAAAGTTCTACAGGGTCCATT
AGCCCTCTACTGGATGACACCGACACCATAATGCTTGTGAAGAGACAAGTTCCCTGGAAGTGTGTCTAT
ATCGATATGGTTCTTTCTCCCTCGCCCTGGACATTGTCCAGGGTATTGAAAGTGTGAGATCCTGCAGGC
TGTGCCATTCACTGAAGGGGATGCATTTGAGCTGACTGTGTCTGCCAAGGCGGGCTACCAAGGAAGCC
TGATGGACATTTATCACCAGGGTCCAGCCCTGCCAGAGGCTGTGCCAGTCTGTTCCACCGAGCC
CAGACTGCCAGTGGTTCTACACCAAGTGTGAAAGTGGCTCAGGGACATATTGCCTCAATGTGTCTTT
GGCTGACGCCAACAGCCTGGCAGTGGCCAGCACCAACTTGTGTCTGGTCAAGACGGTGGCCTTGGG
CAGGCTCCCTTGTGTAGGTATCTTGTGGTGTGGTGGCTGTGGTCTTGCATCTCTGATACATAGGC
ATAGACTTAAGAAGCAGGGCTCAGTTTCCCAAATGCCACATGGTAGCACTCACTGGCTGCCCTGCCTCC
GGTCTTCCGCGCCCGCGCCTTGAGAAAACAGCCCGCTCCTCAGTGGACAGCAGGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209549 protein sequence

Red=Cloning site Green=Tags(s)

 MGVQRRSFLPVLVLSALLAVGALEGSRNQDWLVGPRQLVTKTWNRLYPEWTEVQGSNCWRGGQVSLRVI
NDGPTLVGANASFIALHFPQSQKVLDPGQVIWANNTIINGSQVWGGQPVYPQEPDDACVFPDGGPCPSG
PKPPKRSFVYVWKTWGYWQVLGGPVSRLSIATGHAKLGTHMEVTVYHRRGSQSYVPLAHSSTFTITD
QVPFVSVSQQLALDGETKHFLRNHPLIFALQLHDPSTGYLAEDLSYTWDFGDGTGLISRALDVHTHYL
ESGSVTAQVVLQAAIPLVSCGSSVPVGTDDGYMPTAEAPGTTSRQGTITKVVGTTTPGQMPTTQPSGTTVV
QMPTTEVTATTSEQMLTSAVIDTTLAEVSTTEGTTPTRPSGTTVAQATTTEGPDASPLLPTQSSTGSI
SPLDDDTIMLVKRVPLDCVLYRYGSFSLALDIVQIESAEILQAVPFSEGDAFELTVSCQGGLPKEA
CMDISSPGCQPPAQRLCQSVPPSPDCQLVLHQVLKGGSTYCLNVSLADANSLAVASTQLVVPQGQDGLG
QAPLLVGILLVLVAVVLASLIHRHRLKKQGSVSQMPHGSTHWLRLPPVFRARGLGENSPLLGGQV

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_021882
ORF Size:	1878 bp
Buffer:	PBS with 0.001% Pluronic F654
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_021882.3</u>
RefSeq Size:	2130 bp
RefSeq ORF:	1881 bp
Locus ID:	20431
Cytogenetics:	10 77.13 cM
MW:	66.3 kDa