

Product datasheet for **MR208656A1V**

Mouse Pigb (NM_018889) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Pigb (NM_018889) AAV Particle
Tag:	Myc-DDK
Symbol:	Pigb
Synonyms:	Pig-b
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR208656 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGTCCCAGGCCCGGACTATAACCCGGCCTCCCGCAATCTCCACGGCAGCTCGGGAGAAATGAAGC
 TCGGGAGGAGGAAGTCCAGGCAGTACGTGAGCGCGCAGGAGAAACGCTCTCCGCGCCGTGGTCTTCTTGG
 AGAAAAACACTTACCTGGTCTTGTACCATCGCTCTGCGAATACTTAAGTCTTCTAGTCAGACAAGC
 TTTGTTCTGATGAATACTGGCAGTCCCTCGAAGTTGCACACCGCATGGTTTTAGTTATGGTTATTTGA
 CCTGGGAATGGACGGAGCGATTGAGAGGCTACACTTACCCCTCATCTTCGCCAGTATTTACAAGTTCT
 GCATCTTCTGGGAAAGACAGTGTCAATTCTGATCTGGATTCCAGACTTGGCCAAGCTCTTCTGTCT
 GCTGTAGCGGATATAAGGCTCTACTCCCTCTGAAGCAGCTGGAAAACAGGAAGTGGCACAATGGGTGT
 TCCTCTGCCAGCTGTGCTCTGGTTACATGGTACTGCTGCACACGGACCCTCACGAACACCATGGAGAC
 CTCCCTCACTGCCCTCGCCCTTTTCTACTATCCTCTGGAAGGCTCGAGGTCGGTGAACAGCGTCAAGTAC
 TCGCTCCTGGTGGCACTTGCTTGTGTGGTCCGCCCCACAGCTCTTATCCCATGGGTGCCGCTGCTTTCA
 GACATTTCTACCAAGAACAGAGAAAGTCCATCTGACTCTGCATCATTTTTTACCTGTAGGATTTATAAC
 CTTAGTTTGTCTCTGATAATTGACCGTATCTTTTTGGCCAATGGACGCTGGTCCAATTAATTTCTTG
 AAATTTAACGTGCTGCAGAACCTAGGGACGTTTTATGGCTCCCATCCATGGCACTGGTACCTCAGTCAAG
 GGTTCCAGTTGTCTGGGGACCCACTTACCTTTCTTATTACCGTTGCTTCTAGCCCCAAGGAGGCT
 CCACATACTGCTGCTGACCGTGTGTGGACACTGCTGGTATACAGCATGTTGGGCCACAAAGAATTCAGG
 TTTATCTATCCAGTTTACCATTCTGCATGGTGTCTGTGGTTACTACTAGCCACCTGAAGACATGGA
 GGAAGGCAGCCCTGAGCTTCTGCTCTGTCAAATGTGCCACTGGCATTCTACTGGCCTAGTTCATCA
 GAGAGGCACCCTGGATGTCATGAATCACGTTTCAGAAAGTCTGCCCCGAGGTCTGACCCAGCTTCGGCC
 TCAGTATTCTAATGATGCCCTGCCACTCCACGCCTTACTACAGCCATGTTCACTGCCCACTGTCCATGC
 GGTTTCTCCAGTGTCCCCAGACTTGACTGGAAAACTCAGTATCTTGATGAAGCAGATATGTTCTACTT
 AAACCCCTTAAGATGGTTACAACAAGAATTTACAGCAATGCGTCACTCCCCACTCACTTGGTCACCTTC
 AATGTTCTGGAGAAGGAGATCAATACCTTCTCACCTCAGGGAACACGAGAGGGCCGCTACATTCTTCC
 ACACCTCACTGGCCAGAGCGCCGAACCTGGAAGTCACATACAGTCTACGAGCGAAGGTTACCCGGCAGGT
 CAACACAGGAGGGAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208656 protein sequence
 Red=Cloning site Green=Tags(s)

MESQAADYNPASRNHGGSSGEMKLRRRKSQYVSAQEKRSRRGLLGENTYLVLFITIALRILNCFVQTS
 FVPDEYWQSLEVAHRMVFSYGYLTWEWTERLRGYTYPLIFASIYKVLHLLGKDSVQFLIWIPRLGQALLS
 AVADIRLYSLLKQLENQVAQWVFLCQLCSWFTWYCCTRTLNTMETSLTALALFYYPLEGRSRSVNSVKY
 SLLVALACVVRPTALIPWVPLLFRHFYQEQRLHLTLHHFLPVGFITFSLSLIIDRIFFQWTLVQLNFL
 KFNVLQNLGTFYGSHPWHWYLSQGFPPVVLGTHLPFFIHGCFAPRRRLHILLTLVLTLLVYSMLGHKEFR
 FIYPVLPFCMVFCGYSLAHLKTRKAALSFLLSNVPLAFYTGLVHQRTLDVMNHVQKVCPRGPDASA
 SVFIMMPCHSTPYYSVHCPLSMRFLQCPPDLTGKTQYLDEADMFYLNPLRWLQQEFHNSASLPHLVTF
 NVLEKEINTFLTSGNYERAATFFHTHWPERRTGSHIHVYERRLPGRVNTGGN

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_018889

ORF Size:	1626 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_018889.1, NP_061377.1</u>
RefSeq Size:	2193 bp
RefSeq ORF:	1629 bp
Locus ID:	55981
UniProt ID:	<u>Q9JJQ0</u>
Cytogenetics:	9 D
MW:	63.1 kDa