

Product datasheet for **MR223019A1V**

Mouse G6pc2 (NM_021331) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	G6pc2
Synonyms:	G6pc; G6pc-rs; I; IGRP
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >MR223019 representing NM_021331
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGATTTCTTCATAGGAGTGGAGTGCTTATTATTCATCATCTGCAGGAGGACTACCGGACTTACTATG
GTTTTCTAAATTTTATGTCCAATGTTGGAGACCCCGAAATATCTTTCTATTTACTTCCCACTTTGGTT
TCAGTTGAATCAGAATGTTGGAACCAAGATGATCTGGGTAGCGGTATAGGGGACTGGTTCAATCTCATA
TTTAAATGGATATTGTTTGGCCATCGTCCTTACTGGTGATACAAGAACTGAGATTTATCCAAATCATT
CAAGCCCATGTCTTGAGCAGTTTCTACTACGTGTGAAACAGGCCAGGAAGTCCATCTGGCCACGCAAT
GGGCTCATCGTGCGTCTGGTATGTCATGGTAACAGCTGCCCTAAGCTACCCATCAGCCGGATGGAGGAG
TCCTCTGTCACTCTGCACAGACTGACCTGGTCCTTTCTGTGGAGTGTTTTCTGGTTGATTCAAATCAGCG
TCTGCATCTCAAGAGTATTATAGCCACACATTTCCCCATCAGGTCATTCTTGGAGTGATTGGTGGGAT
GCTAGTAGCCGAGGCCCTTTGAACACACTCCAGGAGTCCACATGGCCAGCTTGAGTGTGTACCTGAAGACC
AACGTCTTCTCTTCTGTTTGGCCCTCGGCTTTTACCTGCTTCTCCGACTGTTCCGTATTGACCTGCTGT
GGTCCGTGCCCATCGCCAAAAAGTGGTGTGCCAACCCAGACTGGATCCACATTGACAGCACGCCCTTTTGC
TGGACTCGTGAGAAACCTCGGGTCTCTTTGGCTTGGGTTTCGCCATCAACTCAGAAATGTTCTTTCGG
AGCTGCCAGGGAGAAAAATGGCACCAAGCCGAGCTTCCGCTTGCTCTGTGCTCTGACCTCACTGACCACAA
TGCAACTTTATCGCTTCATCAAGATCCCGACTCACGCGGAACCTTTATTTTACCTGTTGTCTTTCTGTAA
AAGTGGTCCATCCCCCTGATGGTGGTGGCTCTAATTCCTACTGTGTACATATGTTAATGAGACCCGGT
GACAAGAAGACTAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>MR223019 representing NM_021331 Red=Cloning site Green=Tags(s) MDFLHRSGVLIHHLQEDYRTYYGFLNFMNSNVGDPRNIFSIYFPLWFQLNQNVGKMIWVAVIGDWFNLI FKWILFGHRPYWWIQETEIYPNHSSPCLEQFPPTTCETGPGSPSGHAMGSSCVWYVMVTAALSYTISRMEE SSVTLHRLTWSFLWSVFWLIQISVCISRVFIATHFPHQVILGVIGGMLVAEAFEHTPGVHMASLSVYLKT NVFLFLFALGFYLLRLFGIDLLWSVPIAKKWCANPDWIHIDSTPFAGLVRNLGVLFGLGFAINSEMFLR SCQGENGTKPSFRLLCALTSLTTMQLYRFIKIPTHAEPLFYLLSFCKSASIPLMVVALIPYCVHMLMRPG DKKTK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_021331
ORF Size:	1065 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_021331.3, NP_067306.1</u>
RefSeq Size:	2012 bp
RefSeq ORF:	1068 bp
Locus ID:	14378
UniProt ID:	<u>Q9Z186</u>
Cytogenetics:	2 39.66 cM
MW:	41.1 kDa