

Product datasheet for **MR208269A1V**

Mouse G6pdx (NM_008062) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse G6pdx (NM_008062) AAV Particle
Tag:	Myc-DDK
Symbol:	G6pdx
Synonyms:	G6pd; G28A; Gpdx
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR208269 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

 ATGGCAGAGCAGGTGGCCCTGAGCCGGACCCAGGTGTGTGGGATCCTGAGGGAAGAGTTGTACCAGGGTG
ATGCCTTCCACCAAGCTGATACACACATATTTATCATCATGGGTGCATCGGGTGACCTGGCCAAGAAGAA
GATCTATCCTACCATCTGGTGGCTGTTCCGGGATGGCCTTCTACCTGAAGATACCTTCATTGTGGCTAT
GCCCCTCAGACTCACAGTGGACGACATCCGAAAGCAGAGTGAGCCCTTCTTTAAAGCCACTCCAGAAG
AAAGACCTAAGCTGGAGGAGTTCTTTGCCCGTAATTCCTATGTAGCTGGCCAGTATGATGATGCAGCCTC
CTATAAGCACCTCAACAGCCACATGAATGCCCTGCACCAGGGGATGCAGGCCAACCGTCTATTCTACCTG
GCCTTGGCCCCCAGTCTATGAAGCAGTCACCAAGAACATTCAAGAGACCTGCATGAGTCAGACAGGCT
GGAACCGCATCATCGTGGAGAAGCCCTTCGGGAGAGACCTACAGAGCTCAATCAACTGTGCAACCACAT
CTCCTCTCTTTCCGTGAGGACCAGATCTACCGCATTGACCACTACCTGGGCAAAGAGATGGTCCAGAAT
CTCATGTGTCTGAGGTTTGCCAAACAGGATCTTTGGCCCATCTGGAATCGAGACAACATTGCTTGTGTGA
TCCTCACATTTAAAGAGCCCTTTGGTACTGAGGGTCTGGGGGCTATTTTGATGAATTTGGGATCATCAG
GGATGTTATGCAGAACCCCTCCTGCAGATGTTGTGTCTGGTGCCATGGAAAAGCCTGCCACTACAGGT
TCAGATGATGTCCGTGATGAGAAGGTCAAAGTGTGAAGTGTATCTCAGAGGTGGAACTGACAACGTGG
TCCTTGGCCAATATGTGGGAACCCCAATGGAGAAGGAGAAGCTGCCAATGGATACTTAGATGACCCAC
AGTACCCCATGGGTCCACCACTGCCACTTTGCAGCAGCTGTCTCTATGTGGAGAATGAACGGTGGGAC
GGGGTACCCTTCATCTGCGCTGTGGCAAAGCCCTGAATGAACGCAAAGCTGAAGTGAGACTGCAGTTCC
GAGACGTGGCAGGTGACATCTTCCACCAACAGTGCAAGCGTAATGAGCTGGTCATCCGTGTGCAGCCAA
TGAGGCAGTATACACCAAGATGATGACCAAGAAGCCTGGCATGTTCTTTAACCCCTGAGGAGTCGGAGCTG
GATCTAACTTATGGCAACAGATACAAGATGTGAAGCTCCCTGATGCCTATGAACGCCTCATCTGGATG
TCTTCTGTGGGAGCCAGATGCACTTTGTCCGGAGTGATGAAGTCAAGGAGCCTGGCGTATCTTACACC
ACTGCTGCACAAGATTGATCGAGAAAAGCCCCAGCCATCCCCTATGTATATGGCAGCCGCGGCCCCACA
GAGGCAGATGAGCTGATGAAGAGAGTGGGCTTCCAGTACGAGGGTACCTACAAGTGGGTGAACCTCACA
AGCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208269 protein sequence

Red=Cloning site Green=Tags(s)

 MAEQVALSRTQVCGILREELYQGDAFHQADTHIFIIMGASGDLAKKKIYPTIWWLFRDGLLPEDTFIVGY
ARSRLTVDDIRKQSEPFKATPEERPKLEEFFARNSYVAGQYDDAASYKHLNSHMNALHQGMQANRLFYL
ALPPTVYEAVTKNIQETCMSQTGWNRIIVEKPFGRDLQSSNQLSNHISSLFREDQIYRIDHYLGKEMVQN
LMVLRFANRIFGPIWNRDNIACVILTFKEPFGTEGRGGYFDEFGIIRDVMQNHLLQMLCLVAMEKPATTG
SDDVRDEKVKVLKCISEVETDNVVLGQYVGNPNGEAANGYLDPTVPHGSTTATFAAAVLYVENERWD
GVPFILRCGKALNERKAEVRLQFRDVAGDIFHQCKRNLVIRVQPNEAVYTKMMTKPGMFFNPPEESEL
DLTYGNRYKNVKLPDAYERLILDVFCGSMHFVRSDELREAWRIFTPLLHKIDREKQPPIPVYVYSGRPT
EADLMKRVGFQYEGTYKWNPHKL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDK**V**
Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_008062

ORF Size:

1545 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_008062.2</u>
RefSeq Size:	2639 bp
RefSeq ORF:	1548 bp
Locus ID:	14381
UniProt ID:	<u>Q00612</u>
Cytogenetics:	X 38.0 cM
MW:	59.3 kDa