

Product datasheet for **MR208380A1V**

Mouse Glyctk (NM_174846) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Glyctk (NM_174846) AAV Particle
Tag:	Myc-DDK
Symbol:	Glyctk
Synonyms:	6230410P16Rik; C430006L12
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR208380 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGCGGCCCTACAGGTCTTGCCCTGTCTCCTCCGAGCCCCGTCCGCTCCACTCCTCTGGGGCCCC
 CAGTGGCCCGGATGACCAGTGGTATGGCTTTGGCAGAACAGGCACGGCAGCTGTTTGATAGTGCAGTGGG
 TGCTGTGCAGCCAGGCCCATGCTGCAGAGGACACTGTCCCTGGATCCTAGTGGCAGACAGCTGAAGGTG
 CGGGACCGGACCTTCAGCTGCGGGAAAACCTCTACCTAGTGGGCTTCGGCAAGGCCGTACTGGGCATGG
 CAGCTGCTGCCGAGGAGCTGCTGGCTCAGCATCTTGTCAGGGTGTGATCAGCGTACCAAGGGGATCCG
 AGCCGCTATGGAACATGCTGAAAGAAAGAGATGCTGCTGAAGCCACACAGCCGCTCCAGGTGTTTCGAG
 GGCGCCGAGGACAACCTACCGGATCGGGATGACTCCGGGCCGCGCTGACCATCCAGCAGCTGGCAGAGG
 GGCTCACTGCAGATGACCTGCTGCTGGTGTCTCATCTCAGGTGGGGGCTCAGCCCTGCTGCTGCTCAAT
 CCCACCTGTCACACTGGAGGAGAAACAGATGCTCACCAGCTGCTGGCAGCCCGAGGAGCCACGATCCAG
 GAGCTGAACACCATCCGCAAGGCCCTGTGCGAGCTGAAGGGTGGAGGGCTGGCTCAGGCTGCCTATCCTG
 CTCAGGTGATAAGCCTCATCTTGTGAGATGTGATTGGGGACCCCTTGGAGTGATTGCCAGTGGCCCTAC
 GGTGGCCAGCGCCACAGTGTGCAAGACTGCCTGCATATTCTCAACCACTATGGCCTCCGTGCTGCTCTT
 CCCCCTCTGTGAAGACTGTGCTCTCCCGAGCTGACTCTGACCCCATGGACCACACACCTGTGGCCACG
 TCCTCAATGTGATCATCGGCTCTAACTCTGCGCTGGCTGAGGCTCAGAGGCAAGCTGAGGTGCTGGG
 CTACCATGCCATGGTGTGAGCACAGCCATGCAGGGTGATGTAAGAGAGTGGCTCGGTTCTACGGGCTG
 CTAGCCCGGGTGGCTGCAGCCACCTCACTCCATCTTTGGCTGAGCGTCCCTTGGAGGAGGAGGCGGAAC
 TCCACTCAGCTGGCAGCTGAGCTCCAGCTCCCGACCTGCAGCTGGAGGAGGCTCTGGAAGCGGTGGCAAA
 GGCTAAAGGGCCGGTCTGCCTCCTGGCTGGTGGTGAGCCACGGTGCAGCTGCAGGGATCTGGCAAGGGC
 GGTGGAACCAAGAACTGGCCTTGCACGTGGGAGTGGAGCTGGGAAGGCAGCCACTGGGACCTATTGATG
 TGCTATTTTTGAGTGGAGGCACTGATGGGCAGGATGGGCCTACAAAGGTGGCCGGGGCTGGGTGATGTC
 TGATCTCATCAGCCAGGCTTCTGCTGAGAGCTGGACATCGCCACCTCCCTACCAACAACGACTCATAC
 ACTTTCTTTGCCGTTCCGGGGAGGAACACATTTGCTGCACACAGGTTGACAGGGACCAATGTTATGG
 ATGTCCACCTCTGATTCTTCATCCTCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208380 protein sequence
 Red=Cloning site Green=Tags(s)

MAAALQVLPCLLRAPSRPLLWGPPVARM TSGMALAEQARQLFDSAVGAVQPGPMLQRTL SLDPSGRQLKV
 RDRTFQLRENLYLVGFGKAVLGMAAAAEELLAQHLVQGVISVPKGIRAAMEHAGKKEMLLKPHSRVQVFE
 GAEDNLPDRDALRAALTIQQLAEGLTADDLLLVLISGGGSALLPAIPPVTL EEKQMLTKLLAARGATIQ
 ELNTIRKALSQKGGGLAQAAQVQVLSLILSDVIGDPLEVIASGPTVASAHSVQDCLHILNHYGLRAAL
 PRSVKTVLSRADSPHGPHTCGHVLNVIIGSNLALAEARQAEVLGYHAMVLSTAMQGDVKRVARFYGL
 LARVAAHLTPSLAERPLEEEAELHQLAAELQLPDLQLEEAL EAVAKAKGPVCLLAGGEPTVQLQSGSGK
 GRNQELALHVGVELGRQPLGPIDVFLSGGTDGQDGPTKVAGAWVMSDLISQASAESLDIATSLTNNDYS
 TFFCRFRGGTHLLHTGLTGTNMDVHLLILHPQ

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_174846

ORF Size:

1572 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_174846.4</u>
RefSeq Size:	4226 bp
RefSeq ORF:	1572 bp
Locus ID:	235582
UniProt ID:	<u>Q8QZY2</u>
Cytogenetics:	9 F1
MW:	55.3 kDa