

Product datasheet for **MR227461A1V**

Mouse Gsk3a (NM_001031667) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Gsk3a (NM_001031667) AAV Particle
Tag:	Myc-DDK
Symbol:	Gsk3a
Synonyms:	2700086H06Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR227461 representing NM_001031667
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAGCGCGCGGGCCCTTCGGGAGCGGCCCTGGGGGCTCGGGCCGGCGCGGACCAGCTCGTTTCGCGG
 AGCCAGGAGGCGGAGGCGGAGGTGGTGGCGGCGGCCCGGGGGCTCGGCCTCTGGCCAGGAGGCACTGG
 CGGCGGAAAGCGTCAGTCGGGGCTATGGTGGGGCGTGGGAGCCTCGAGCTCCGGGGGTGGCCCCAGC
 GGCAGCGGCGGAGGAGGAGCGGTGGCCCCGGCGGGCACTAGCTTCCCAGCGCGGGAGTGAAGCTGG
 GCCGTGACAGCGGGAAGGTGACCACAGTGGTAGCCACTGTAGGCCAAGGCCAGAGCGTTCCCAAGAAGT
 GGCTTACACTGACATCAAAGTGATTGGTAATGGCTCATTGGAGTAGTATACCAGGCACGGCTGGCAGAG
 ACGAGGAACTGGTGGCCATCAAGAAGTTCTCAGGACAAAAGTTCAAGAACCAGAACTGCAGATTA
 TGCCTAAGCTGGACCACTGCAATATTGTGAGGCTGCGGTACTTTTTCTACTCCAGTGGGAGAAGAAGGA
 CGAGCTGTATTTGAATCTGGTGTGGAGTATGTGCCCGAGACGGTGTACCGAGTGGCCCCCACTTCACC
 AAGGCCAAGCTGATCACCCCTATCATCTACATCAAGGTGTACATGTACCAGCTCTCCGGAGCTTGGCCT
 ACATCCACTCCAAGGTGTGTGTCACCGTGACATCAAGCCCCAGAATTTGCTTGTGGACCTGACACTGC
 TGCTCTCAAGCTCTGCGATTTTGGCAGTGCAAAGCAGCTGGTTCGGGGGAGCCCAATGTGTCTACATC
 TGCTCTCGGACTACCGTGTCCAGAATCATCTTTGGAGCCACAGATTACACCTCGTCCATCGATGTGT
 GGTCCGCTGGCTGTGACTTGTGAGCTACTTCTCGGCCAGCCCATCTTCCCTGGGGACAGTGGGGTGG
 CCAGCTTGTGGAGATCATCAAGTACTAGAACGCCAACAGGGAACAAATCCGAGAGATGAACCCCTAAC
 TATACGGAGTTCAAGTCCCCAGATCAAAGCTCACCTTGGACAAAGGTGTTCAAATCTTCAAAGACAC
 CACCTGAGGCCATTGCACCTGCTCTAGCCTACTGGAGTACACGCCATCCTCAAGGCTCTCCCCACTCGA
 GGCTTGTGCCACAGCTTCTTCGATGAAGTGGGAGACTCGGAGCCAGCTCCCCAACGACCGCCCGCTT
 CCCCCCTGTTCAACTTCAGTCTGGTGAAGTGTCCATCCAACCATCTCTCAATGCCATTCTCATCCCTC
 CTCACTTGTAGGTCAGCAGGCCCTGCTTCTCCCTCACCCTTCTACAACCCATCCTCACAAGCTTT
 AACTGAAGCTCAGACTGGCCAAGATTGGCAGCCATCTGATGCCACAAGTCTACCTCGTAGCTCTTCC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR227461 representing NM_001031667
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MSGGGPSGGGPGGSGRARTSSF AEPGGGGGGGGGGPGGSASGPGGTGGGKASVGMGGV GASSSGGPPS
 GSGGGSGGPGAGTSFPPPVGKLRD SGKVTTVVATVGQGPERSQEVAYTDIKVIGNGSFVVYQARLAE
 TRELVAIKKVLQDKRFKNRELQIMRKL DHCNIVRLRYFFYSSGEKKDEL YLNLVLEYVPETVYRVARHFT
 KAKLITPIIYIKVYMYQLFRSLAYIHSQGVCHRDIKPQNLLVDPDTAVLKL CDFGSAKQLVRGEPNVS
 YICSRYYRAPELIFGATDYTSSIDVWSAGCVLAELLLGQPIFPGDSGVDQLVEI IIKVLGTPTREQIREM
 NPNYTEFKFPQIKAHPWTKVFKSSKTPPEAIALCSSLLEYTPSSRLSPL EACAHSFFDELRRLLGAQLP
 NDRPLPPLFNFSPGELSIQPSLNAILIPPHLRSPAGPASPLTTSYNPSSQALTEAQTGQDWQPSDATTATLASSS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001031667

ORF Size:

1470 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_001031667.1, NP_001026837.1</u>
RefSeq Size:	2276 bp
RefSeq ORF:	1473 bp
Locus ID:	606496
UniProt ID:	<u>Q2NL51</u>
Cytogenetics:	7 A3
MW:	52.1 kDa