

Product datasheet for **MR210334A1V**

Mouse Gars (NM_180678) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Gars (NM_180678) AAV Particle
Tag:	Myc-DDK
Symbol:	Gars
Synonyms:	Gena201; GENA202; Nmf249; Sgrp23
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>MR210334 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCCTGTCTGCTCCCCTCGCTGCTCAGAGCCACCCGCGCCGCTGCCGCTCCTGTGCGCCGCCCGAG
TGGTCGCAGCGTCCGCGTCTCAGCGGCTCCTCAGCGCTCCCGCGCAGCCGCGCGCTCCCGGAGCAGCAT
GGACAGCGCGGAGGAGCTGCTGGCCCCACTGCGGCTAGCCGTGCGCCAGCAGGGAGACTTTGTACGGAAG
TTAAAAGAAGATAAAGCCCCACAAGTGATGTGGACAGAGCAGTAGCTGAGCTCAAGGCCGGAAGAGGG
TTCTGGAAGCAAAGGAGCTGGCATTGCAGCCCAAAGATGACATCGTAGATAGAGCAAAAATGGAAGATAC
GTTGAAGAGGAGGTTTTTCTACGATCAGGCTTTTGCTATTTATGGAGGTGTGAGTGATTGTATGACTTC
GGGCGGTAGGATGTGCTTTGAAGAACAATATCATCCAGGCTGGAGGCAGCACTTTATCCAAGAGGAGC
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ATTTGCTGACTTCATGGTGAAGGACGTGAAGACGGAGAGTGCTTCCGAGCAGACCACCTGTTGAAAGCT
CATTTACAGAACTGATGTCAGATAAGAAGTGCTCTGCTGAGAAGAAGTCAGAGATGGAAGTGCTTTGG
CCCAGCTTGATAACTATGGACAACAAGAACTTGCGGATCTTTTGTGAATATAATGTAAATCTCCAC
CACTGGCAATGACCTGTCCCCTCCGGTACCTTTTAACCTTAATGTTCCAGACCTTCATTGGGCTGGAGGA
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TCAACCAAGGGAAATTGCCTTTTGTGCTGCCAGATTGGAACTCCTTCAGAAATGAGATCTCACCTCG
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GACCATCCCAAGTTCCAAAGTGTGGCCGACCTCTGCCTTTATTTGTAATCAGCAAAAGCCAGGTCAGTG
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CAGCATATGGAGAATGAGATGGCCATTATGCCTGCGACTGCTGGGATGCCGAGTCCAAAACGCTCTATG
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AAGGGCGCCGTGGCAAGGCGTACAAGAAGGATGCAAAGCTAGTGCTGGAGTATCTCAGCGCCTGTGATG
AGTGCTACATTTAGAGATGGAGCTGCTGCTGAGTGAGAAAGGGAATTCATATTGAACTGAAGGAAA
AACATTTCAAGTTAACGAAAGACATGGTCAGTGTGAAGAGATTCCAGAAAACACTGCATGTGAAGAAGTT
GTTCCGAGTGTAATTGAGCCCTCCTTTGGCTTGGCAGGATCATGTATACCATATTGGAACATACATTCC
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TGTCCTTCCACTGAGCCAGAACCAAGAGTTTATGCCATTTGTCAAGGAATTATCCGAAGCTCTGACCAGG
AACGGCGTGTCTCATAAAGTCGATGACTCCTCTGGGTCTATTGGAAGGCGCTATGCAAGAAGCTGATGAGA
TTGGCGTGGCTTCGGCATCACTATTGACTTTGATACAGTGAACAAGACGCCCCACACTGCAACTCTGAG
GGACCGAGACTCCATGAGACAGATAAGGGCAGAGGTCTCTGAGCTGCCAGTGTGGTCCGCGATCTGGCC
AACGGCAACATTACCTGGGCTGATGTGGAGGCCAGGTACCCACTCTTTGAAGGCAAGAGACTGGCAAGA
AGGAGACAGTAGAGGAA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210334 protein sequence Red=Cloning site Green=Tags(s) MPCLLPSSLRATRAALPLLSPPRVVAASASQRLLSAPAQPAASRSSMDSAEELLAPLRLAVRQQGDFVRK LKEDKAPQVDVDRVAELKARKRVLEAKELALQPKDDIVDRAKMEDTLKRRFFYDQAFAYGGVSGLYDF GPVGCALKNNIIQAWRQHFIEEQILEIDCTMLTPEPVLKTSGHVDKFADFMVKDVKNGECFRADHLLKA HLQKLMSDKKCSAEKKSEMESVLAQLDNYGQQELADLFVNYNVKSPPTTGNDLSPVPFNLMFQTFIGPGG NMPGYLRPETAQGIFLNFKRLLEFNQGKLPFAAAQIGNSFRNEISPRSGLIRVREFTMAEIEHFVDPTK DHPKFQSVADLCLYLYSAKAQVTGQSARKMRLGDAVEQGVINNSVLGYFIGRIYLYLTKVGISPDKLRF QHMENEMAHYACDCWDAESKTSYGWIEIVGCADRSCYDLSCHARATKVPLVAEKPLKEPKTVNVVQFEPN KGAVGKAYKKDAKLVLLEYLSACDECIYSEMELLSEKGEFTIETEGKTFQLTKDMVSVKRFQKTLHVEEV VPSVIEPSFGLGRIMYTILEHTFHVREGDEQRTFFSFPVAVAPFKCSVLPLSQNQEFMPFVKELSEALTR NGVSHKVDDSSSGISGRRYARTDEIGVAFGITIDFTVNKTPHTATLRDRDSMRQIRAEVSELPVVVDLA NGNITWADVEARYPLFEGQETGKKETVEE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_180678
ORF Size:	2187 bp
Buffer:	PBS with 0.001% Pluronic F1425
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_180678.3</u>
RefSeq Size:	2390 bp
RefSeq ORF:	2190 bp
Locus ID:	353172
UniProt ID:	<u>Q9CZD3</u>
Cytogenetics:	6 27.29 cM
MW:	81.9 kDa