

Product datasheet for **MR230112A1V**

Mouse **Mgat4c** (NM_001205098) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Mgat4c
Synonyms:	9130411117Rik; GntIVh
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR230112 representing NM_001205098
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTTAAATTTTCAAATGAAATATATTTTCAAATATTGGATAAAATGAGATGCTTGCGAAAACGGT
 CTACAGTGTCACTCTGGGGGTTCTTGTTGTTTTCTACTATTCATGAACCTGTACATTGAAGATAGCTA
 TGTTCTGGAAGGCGACAAGCAACTATAAGGGAAACATCGACACACCAACTTAATTCGAACGCTATGTT
 CACACTTTCAAGGATTTATCAAACCTCTCAGGAACCATAAATGTCACCTATCGCTATCTGGCTGCCACAC
 CTTTACAGAGAAAACGATATCTCACAATTGGACTTTCATCAGTGAACGAAAAAAGGAAATTTTACT
 TGACACAATCAAGTCAATTTTGAACAGTCCAGCTATGAAGAACTAAAGGAAATTCAGTCGTAGTACAT
 CTAGCAGACTTCAATTCATCATGGCGAGATGCCATGGTCCAAGACATTACACAGAAATTTGCCATCATA
 TTATTGCGAAGATTAATGGTTATACATGCTCCTGAAGAATATTATCCAGTCTGGATGGTCTTAAAG
 AAATTACAATGACCCAGAAGATAGAGTCAGATTTGCTCCAAGCAAAACGTAGATTATGCTTTTCTGCTA
 AATTTCTGTCCAATACTTCTGACTATTACGTGATGCTTGAAGACGATGTTCCGGTGTCCAGAAATTTCT
 TAACTGCCATCAAGAAAGTCATAGCATCCTTGAAGGAACATACTGGGTAACCTTTGAGTTCTCTAACT
 TGGCTACATTGGTAACTCTATCATCTCACGATCTCCACGTCTGGCCATTTCTTATTATGTTCTAT
 CAAGAAATGCCCTGCGATTGGCTATTGACTCATTCCGAGGGCTGCTGGCTCAGAAAAATGTGATTGAT
 TTAACCTTCTCTTTTCAACATGAGGATTTATTCATCCTATAAAGGAACAGAGAATAAACTGAAGGA
 TGATGACTTTGAAGAAGAGTCCTTTGACATCCCTGATAACCCCGAGGAGTTCTACACCAACATGAAT
 GTCTTTGAAACTATGAAGCAAGCAAGGCTTACAGTAGTGTGATGAGTATTTTGGGAAAGTCACCTT
 CAATGGGAGATACGTTCTGTTATTGATTTGAAAATCCGATTACAATAAAAAATTAAGTGAATACTGG
 AACAGAGGACCGGAGAAATGACATCTTACAACATGGAGCCCTAGATGTTGGGAAAAAATTTATTTTAGC
 AAACAAATAAGACAATGTGATACTTACTTAAGACTAGGGGAATCAAAAATGGATACTTTGAAATGTCAG
 ATGTGAATCAAAAATCCCTTTGACATACATTGCATGAGGATATGTGTTACCAAAACACAGAAAGAATG
 GCTGATAATTAGAAGCATCAGTATTTGGACTTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR230112 representing NM_001205098
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MLKFYQMKYIFQILDKMRCLRKSTVSFLGVLVFLFMNLYIEDSYVLEGDQQLIRETSTHQLNSERYV
 HTFKDLSNFSGTINVYRYLAATPLQRKRYLTIGLSSVKRKKGNLYLLDTIKSIFEQSSYEELKEISVVVH
 LADFNSSWRDAMVQDITQKFAHHIIAGRLMVIHAPPEEYYPVLDGLKRNYNDPEDRVFRFSKQNVYAFLL
 NFCANTSDDYVMLEDDVRCSRNFLTAIKKVIASLEGTYWVTLFESKLGYGKLYHSHDLPRLAHFLMFY
 QEMPCDWLLTHFRGLLAQKNVIRFKPSLFQHMGYSSYKGTENKLKDDDFEESFDIPDNPPASFYTNMN
 VFENYEASKAYSSVDEYFWGKSPSGMDTFVIVFENPITIKKIKVNTGTEDRQNDILQHGLDVGKELIFS
 KQIRQCDTYLRLGEFKNGYFEMSDVNQKIPFDIHCMRICVTKTQKEWLIIRSISIWTS

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species: Mouse

Serotype: AAV-2

ACCN: NM_001205098

ORF Size: 1434 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:	NM_001205098.1 , NP_001192027.1
RefSeq Size:	4279 bp
RefSeq ORF:	1437 bp
Locus ID:	67569
UniProt ID:	Q9D306
Cytogenetics:	10 D1
MW:	56.2 kDa