

Product datasheet for **MR207019A1V**

Mouse Gulo (NM_178747) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Gulo (NM_178747) AAV Particle
Tag:	Myc-DDK
Symbol:	Gulo
Synonyms:	5730581M22; AU018375; BC028822; GLO; LGO; sfx; unh; unhip
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR207019 representing NM_178747 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGCGGCGCGGAATTTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGTCCATGGGTACAAAGGGGTCCAGTTCAAAACCTGGGCGAAGACCTATGGCTGCAGTCCAGAGATGT
ACTACCAGCCACATCAGTGGGGGAGGTGAGAGAGGTGCTGGCCCTGGCCCGGCAGCAGAACAAGAAAGT
GAAGGTGGTGGGTGGCGGCCACTCGCCTTCAGACATCGCCTGCACCGATGGCTTCATGATTCACATGGGC
AAGATGAACCGGGTTCTCCAGGTGGACAAGGAGAAGAAGCAGGTACAGTGAAGCCGGTATCCTCCTGA
CTGACCTGCACCCACAGCTGGACAAGCATGGCCTGGCCCTGTCTAATCTGGGAGCCGTGTCTGATGTGAC
GGTTGGTGGCGTCAATTGGGTCTGGAACACATAACACCGGGATCAAGCACGGTATCCTGGCCACCCAGGTG
GTGGCCCTGACCTGATGAAGGCTGATGGAACAGTTCTGGAATGTTCTGAGTCAAGTAATGCAGATGTGT
TCCAGGCTGCAAGGGTGACCTGGGCTGCCTGGGTGTTATCCTCACTGTCAACCCTGCAGTGTGTGCCACA
GTTCCACCTTCTGGAGACATCCTTCTCGACCCTCAAGGAGGTCTTGACAACCTGGACAGCCACCTG
AAGAAGTCTGAGTACTTCGCTTCTCTGGTTTCTCACAGTGAGAAGCTCAGCATCATCTACCAAGATC
ACACCAACAAGGAGCCCTCCTCTGCATCTAAGTGGTTTGGGACTATGCCATTGGGTTCTACCTCCTGGA
ATTCTTGCTCTGGACAGCACCTACCTGCCACGCCTCGTGGGCTGGATCAACCGCTTCTCTCTGGCTG
CTGTTCAACTGCAAGAAGGAGAGCAGCAACCTCAGCCACAAGATCTTCTCCTACGAGTGTGCTTCAAGC
AGCATGTCCAAGACTGGGCCATCCCCAGGGAGAAGACCAAGGAGGCCCTGCTGGAGCTAAAGGCCATGCT
GGAGGCCACCCCAAGGTGGTAGCCCACTACCCCGTGGAGGTGCGCTTACCCGAGGTGATGACATCCTG
CTGAGCCCGTGCTTCCAGAGGGACAGCTGCTACATGAACATCATTATGTACAGGCCCTATGGGAAGGATG
TGCTCGGTTGGATTACTGGCTGGCCTATGAGACCATCATGAAGAAGTTTGGAGGCAGGCCCCACTGGGC
AAAGGCCCAACAATTGCACAGGAAGGACTTTGAGAAAAATGTACCCCGCCTTTCACAAGTTCTGTGACATC
CGCGAGAAGCTGGACCCCACTGGAATGTTCTTGAATTCGTACCTGGAAGGTTTCTAC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR207019 protein sequence Red=Cloning site Green=Tags(s) MVHGYKGVQFQNWAKTYGCSPEMYYPQTSVGEVREVLALARQQNKVKVVGGGHSPSDIACDGFMIHMG KMNRLVQVDKEKKQVTVEAGILLTDLHPQLDKHGLALSNLGAVSDVTVGGVIGSGTHNTGIKHGILATQV VALTLMKADGTVLECSSESNADVQAARVHLGCLGVILTVTLQCVLPQHLLTSFSPSTLKEVLDNLDLH KKSEYFRFLWFPHSENVSIYQDHTNKEPSSASNWFWDYAIGFYLLFLLWTSTYLPRLVGWINRFFFWL LFNCKKESSNLCHKIFSIECRFKQHVQDWAIPREKTKEALLELKAMLEAHPKVVAHYVPEVRFTRGDDIL LSPCFQRDSCYMNIIIMYRPYGDVPRLDYWLAYETIMKKFGGRPHWAKAHNCTRKDFEKMYPAFHKFCDI REKLDPTGMFLNSYLEKVFY TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_178747
ORF Size:	1320 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_178747.3, NP_848862.1</u>
RefSeq Size:	2265 bp
RefSeq ORF:	1323 bp
Locus ID:	268756
UniProt ID:	<u>P58710</u>
Cytogenetics:	14 D1
MW:	50.5 kDa