

Product datasheet for **MR208018A1V**

Mouse Lipg (NM_010720) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Lipg (NM_010720) AAV Particle
Tag:	Myc-DDK
Symbol:	Lipg
Synonyms:	3110013K01Rik; EL; lipase; mEDL
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR208018 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGAAACACGGTTTTCTGCTCGGCTTTTGGAGCGTCTATTGTTACTTCCCGCGCGGAAGTATCACAA
 CCTTGGCTCCCGAGGGTTCGCTGCGAGATGAGCATCATAAACCCACTGGAGTACCAGCTACCGCCAGACC
 CTCTGTGGCTTTTAAACATCCGCCTTCTAAGGACCCAGAGCAGGAAGGGTGAATCTCTCCCTTGGTGAC
 AGCAAACCTTTAGAAAACGTGGCTTCAACATGACAGCCAAAACCTTCTTCATCATTCATGGATGGACGA
 TGAGTGGCATGTTTGGAGCTGGCTGCATAAATTGTATCAGCCCTGCAGATGAGAGAGAAAAGTGTAA
 CGTCGTGGTGGTTGACTGGCTGCCCTGGCTCATCAGCTGTACACGGATGCAGTCAATAACACAGGGTG
 GTGGGACAGAGTAGCTGGGATGCTTGACTGGCTGCAGGAGAAGGAAGATTCTCTCTGGGAACGTTT
 ACTTGATTGGCTACAGCCTTGGAGCACAGCTGGCTGGATACGCTGGCAACTTTGTAAAGGAACAGTGGG
 CAGGATCACTGGTCTGGATCCCGCGGGTCCCATGTTTGAAGGGTGGACATCAACAGAAGCTGTCCCG
 GACGATGCAGACTTTGTGGATGTCTGCATACCTACACGCTGTCTTTGGCTTGAGCATTGGGATTCCGGA
 TGCCTGTGGGTACATTGACATCTATCCAATGGCGGTGACTTCCAGCCAGGCTGTGGATTCAATGATGT
 CATCGGATCTTTTGCATATGGAACAATCTCAGAGATGGTAAATGCGAGCACGAGCGAGCCGTACACCTC
 TTTGTCGACTCTCTGGTGAATCAGGACAAGCCAGCTTTGCCCTCCAGTGCACAGACTCCAGCCGCTTCA
 AAAGGGGAATCTGCCTCAGCTGCCGGAAGAACCCTTGTAAACATTGGCTACAACGCCAAGAAAATGAG
 AAAGAAGAGGAATAGCAAAATGTATTTAAAAACCCGGGCTGGCATGCCTTTCAAAGTTTACCATTACCAG
 CTGAAAGTTACATGTTCTCTTACAATAACAGTGGGGACACCCAGCCACCCTTACATTACCCTGTATG
 GTAGCAACGCAGACTCCAGAACCTGCCCTTGGAAATAGTGGAGAAGATTGAGCTGAATGCCAAACAC
 CTTCTTGTCTACACTGAGGAGGACTTGGGCGATCTCTTGAAGATGCGACTTACCTGGGAGGGGGTAGCC
 CATTCTGGTACAACCTGTGGAATGAGTTTCGCAACTACCTGTCTCAACCCAGCAACCCCTCGAGGGAGC
 TGTACATCCGGCGAATTCGTGTCAAATCTGGGAAACCCAGCGCAAAGTGACATTTTGCCTCAAGACCC
 AACGAAGAGTAGCATCTCCCTGGCCAGGAGCTGTGGTTTCAAGTGTGAGGATGGCTGGAAAATGAAA
 AACAAAACCACTCCCTTTGTGAACCTGGCC

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208018 protein sequence
 Red=Cloning site Green=Tags(s)

MRNTVFLLGFWVYCYFPAGSITTLRPEGLRDEHHKPTGVPATARPSVAFNIRTSKDPEQEGCNLSLGD
 SKLLENCGFNMTAKTFFIIHGWTMSGMFESWLHKLVSALQMREKDANVVVDWLPLAHQLYTDVANNTRV
 VGQRVAGMLDWLQEKEEFLGNVHLIGYSLGAHVAGYAGNFVKGTVGRITGLDPAGPMFEGVDINRRLSP
 DDADFVDVLHTYTLFGLSIGIRMPVGHIDIYPNGGDFQPGCGFNDVIGSFAYGTISEMVKCEHERAVHL
 FVDSLNVQDKPSFAFQCTDSSRFKRGICLSKRKNRCNNIGYNAKKMRKKRNSKMYLKTRAGMPFKVYHYQ
 LKVMFYSYNNSGDTQPTLYITLYGSNADSQLPLEIVEKIELNATNTFLVYTEEDLDLLKMRLTWEVGA
 HSWYNLWNEFRNYLSQPSNPSRELYIRRIRVKSGETQRKVTFCTQDPTKSSISPGQELWFHKCQDQGWKMK
 NKTSPFVNLA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_010720

ORF Size:

1503 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_010720.2</u> , <u>NP_034850.2</u>
RefSeq Size:	3787 bp
RefSeq ORF:	1503 bp
Locus ID:	16891
UniProt ID:	<u>Q9WVG5</u>
Cytogenetics:	18 E2
MW:	56.6 kDa