

Product datasheet for **MR207548A1V**

Mouse Mboat7 (NM_029934) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Mboat7 (NM_029934) AAV Particle
Tag:	Myc-DDK
Symbol:	Mboat7
Synonyms:	5730589L02Rik; BB1; Leng4; Lpiat; Lpiat1; mBB1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR207548 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACACCCGAAGAATGGACATATCTAATGGTCTTCTTATCTCCATCCCTGTTGGCTTCTCTTTAAGA
 AAGCTGGACCTGGGCTGAAGAGATGGGGGCGAGCAGCTGTGGCCTGGGCTCACCTTATTCACCTGTGG
 CCCCCACAGTTTGCATCTCTGATCACCATCTTGGGAACCTGGGCCCTATTTCAGGCCACGCCCTGCTCC
 TGCCATGCCCTGGCTCTGCCTGGACCTTCTCCTATCTCCTTCTTCCGAGCCCTCAGCCTGCTGGGCC
 TGCCCACTCCCACGCCCTTACCAATGCTGTCCAGCTGCTGTTGACACTGAAGTTGGTGAGTCTAGCTAG
 TGAAGTCCAGGATCTGCATCTGGCTCAGAGAAAGGAAATAGCCTCCGGCTTCCACAAGGAGCCTACGCTG
 GGCTCCTCCCTGAGGTCCTCTTTGATGGAGACTCAGCTATAGCTACTGTTACGTGGGAATCATGA
 CAGGCCATTCTCCGCTACCGACCTACCTGGATTGGCTGGAACAGCCCTTCCCGGAAGCCGTGCCAG
 CCTGAGGCCCTGCTGCGCCGCGCTGGCCAGCCCGCTTTTGGCTGCTTCTCTGCTGCTCCTCCCAT
 CTCTTCCCACTGGAAGCTGTGCGTGAGGACGCCTTCTACGCCCGCCGCTGCCACCCCGCTCTTCTACA
 TGATCCCGGTCTTCTTCGCTTCCGCATGCGCTTCTACGTTGCCTGGATTGCGGCCGAGTGCGGTTGCAT
 TGCCGCGGGCTTCGGGGCTACCTGTGGCTGCCAAAGCCCGGGCGGGGGCCACCCCTCCAATGC
 CCACCCCTAGCAGTCCGGAGATTGCAGCTTCCCTGGAGTATGACTATGAGACCATCCGTAACATCGACT
 GCTATGGCACAGACTTCTGCGTGCCTGTGCGGGATGGCATGCGATACTGGAACATGACCGTGCAGTGGTG
 GCTGGCACAGTACATCTACAAGAGCGCACCTTCTGCTCCTACGTTTTGAGGAGTGCCTGGACCATGCTG
 TTGAGTGCCTACTGGCATGGCTCCACCCTGGTTACTACCTAAGCTTTCATGACCATCCCGCTGTGCTGG
 CTGCTGAGGGCTATTTGGAGTCAGCCTTGGCGGAGACACCTGAGCCCGGGGGCCAGAAAGCTGGGACTG
 GGTCCACTGGTTCCTGAAGATGCGTGCCTACGACTACATGTGCATGGGCTTTGTGCTCCTTCCATGGCT
 GACACACTCCGGTACTGGGCTCCATCTACTTCTGGGTCCACTTCTAGCCCTGGCTGCTTGGGGCTGG
 GGCTGGTTTTGGGTGGGGCAGCCCCAGCAAGAGGAAGACACCATCCCAGGCTACCAGCAGCAAGCGAA
 GAAAAGCTCCGGGAAGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207548 protein sequence
 Red=Cloning site Green=Tags(s)

MTPEEWTYLMVLLISIPVGLFKKAGPGLKRWGAAVGLGLTLFTCGPHSLHSLITILGTWALIQAQPCS
 CHALALAWTFSYLLFFRALSLGLPTPTFTNAVQLLLTLKLVSLASEVQDLHLAQRKEIASGFHKEPTL
 GLLPEVPSLMETLSYSYCYVGMITGPFPRYRITYLDWLEQPFPEAVPSLRPLLRRAWPAPLFGLLFLLSSH
 LFPLEAVREDAFYARPLPTRLFYMIPIVFFAFRMRFYVAWIAAECGCIAAGFGAYPVAAKARAGGGPTLQC
 PPPSSPEIAASLEYDYETIRNIDCYGTDGFCVVRVDRGMRWYNNMTVQWWLAQYIYKSAPFCSYVLRSAWML
 LSAYWHGLHPGYLSFMTIPLCLAAEGYLESALRRHLSPGGQKAWDWHWFLKMRAYDYMCMGFVLLSMA
 DTLRYWASIYFWHFLALACLGLGLVLGGGSPSKRKTSPQATSSQAKEKREE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_029934

ORF Size:

1422 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_029934.3, NP_084210.2</u>
RefSeq Size:	2880 bp
RefSeq ORF:	1422 bp
Locus ID:	77582
UniProt ID:	<u>Q8CHK3</u>
Cytogenetics:	7 A1
MW:	53.4 kDa