

Product datasheet for **MR207385A1V**

Mouse Amotl2 (NM_019764) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Amotl2 (NM_019764) AAV Particle
Tag:	Myc-DDK
Symbol:	Amotl2
Synonyms:	AW549739; C79691; Lccp; MASCOT; mKIAA0989
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR207385 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGAGGACACTGGAAGACTCCTCAGGGACAGTCTGCACCGTCTCATCCAAGAGCAGCTGCGCTACGGCA
 ACCTGACAGAGACTCGCACTCTGCTGGCTATCCAGCAGCAGGCCCTGCGGGGTGGGGCTGGAGCTGGGG
 CACGGGAGACCCCGAGGCTTCTTGAGATCGGAGCACCCGAGGACAGTCAGGTGCTGCAGCAAGCCACC
 AGGCAGGAGCCCGAGGCCAGGAGCATCAGGTGGAGAGACCCACCTGGCAGAGAAGAGGCTGTACCGGC
 TGTGCCACAGCCAGCAAAGGAGAAGAGTTGCCACCTATGAGGAGGCCAAAGCCCATTCGAGTACTA
 CGCAGCGCAGCAGGCAGGTCGCGGCCGATGTTGGGGACCGGGATCCTAGAGGAGGGGTGTCCGGAGGC
 GGCCGGCAGCAGGATGAAGCTCTTCGAGAGCTGAGGCATGGCCATGTGCGCTCCTTGAGTGAACGGCTTC
 TGCAACTGTCCCTGAAAGAAACGGTGTCTCGGTCGCCAGCCACATGAGCTCTCCACAGCTTCCCTCA
 GCTGGCCCGCAGCCAGCAGGGCCCCAACCCGAGGGCCCCAGCTGAGGGCCAGAGCCCCGCGGGCCA
 CCACCTCAGTACCCACACGCTGTAAATGGCTCAGGAGACTGCGGCTGTCACTGACCCAAGATACCGACCC
 GAAGCAGCCACACTTCAGCATGCCGAAGTCAGGATCCTGCAGGCCAGGTACCAACGGTGTCTCTCCA
 GCAGCAGCAGTACCACTGCTGCCGAGCCCCAGGAGCACTCTCCACCCCTCCACCCGGCAGCTCTGGGC
 CATGGACCCCCAAGCTCCTTTGGTCCACCTGCAGTGGAGGGACCAACCACTGCCAGGCCACCTTGGGCA
 GTGCCACCTGGCCAGATGGAGACTGTACTGAGGGAGAATGCCAGGCTGCAGAGGGACAATGAGCGATT
 GCAGAGAGAGCTGGAGAGCACTTCAGAGAAGGCTGGCCGATAGAAAAGCTGGAAATGAAATCCAGCGG
 CTCTCTGAGGCCACGAGAGCCTGATGAGGACCTTCCAAGCGTGAGGCCCTGGAGAAGACCATGAGGA
 ACAAGATGGACGGTGAGATGAGACGGTTGCAGGACTTCAACCGAGACCTTAGAGAGAGATTGGAATCGGC
 AAACCGCCACCTGGCAAGCAAGACCCAGGAAGCCAGGCGGGCAGTCAGGACATGGTGGCGAAACTGCTT
 GCCCAGAGCTATGAGCAGCAACAGGAACAGGAGAAGCTGGAGCGGGAGATGGCACTGCTGCGTGGTGCCA
 TCGAGGACCAGCGCGCATGCTGAAGTCTGGAGCAGGCTCTGGGCAATGCACAAAGCCGTGCCCGCCG
 GGCTGAAGAGGAGCTACGAAAAAGCAGGCCTATGTGGAGAAGGTGGAGCGGCTGCAGCAGGCACTGGGG
 CAGTTGCAGGCTGCCTGTGAAAAGCGAGAGCAGTTGGAGCTGCGTCTGCGCACGCGCCTGGAGCAGGAAC
 TCAAAGCCTTGCGTGACAGCAGAGGCAGACAGGCACCCTCGCAGGTGGTGGCGGCAGCCATGGTGGGTC
 CGCCGAGCTCAGTGCCCTGCGGCTGTCTGAACAGCTGCGGGAGAAGGAGGAACAGATCCTGGCTCTAGAG
 GCGGACATGACCAAGTGGGAACAGAAGTATTTGGAAGAACGGGCTATGAGGCAGTTGCCATGGACGCGG
 CTGCCACTGCGGCTGCCAGCGCATACCACTCTCATCCGGCACTCCCCCAGCCCTCGCCAGCAGCAG
 TTTCAACGAGGGCCTGTGCCAGGCAACCACAGGCACCAGGAGATGGAGAGCAGATTGAAGGTGTCCAT
 GCTCAGATCCTAGAGAAGGATGCGGTGATCAAGGTCTTCAGCAGCGCTCCAGGAAAGACCCCTGGCAAGG
 CCACCCAGGGCACCCCTACGGCTGCCAAGTCGGTGCCGTCCATCTTCGCGGCTGCAGTGGGAACCTCAGGG
 CTGGCAAGGGCTCGTATCCAGTGAGCGGCAACTGATGCACGGCCAGCGGGAGACCGGGTCCCAGCAGAG
 GAGCCTCCGGCCACAGCTCCTCTCCCTGCCCACACCAACATGGCAGCAGAGACGGGAGCACCCAGACGG
 ATGGCCCTGCAGACAACCTCTGCCTGCTTGGCCTCAGAACCCGATGGCCTCCTGGGGTGCAACAGTAG
 CCAGAGGACACCCTCTCTGGAATCTATAGCTGCAACCAGAGTCCAGGATCTGTCAGACATGGTAGAAATA
 CTGATC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR207385 protein sequence Red=Cloning site Green=Tags(s) MRTLEDSSGTVLHRLIQEQLRYGNLTETRTLLAIQQQALRGGAGAGGTGSPQASLEIGAPEDSQVLQQAT RQEPQGGQEHQGGETHLAENRLYRLCPQPSKGEELPTYEEAKAHSQYYAAQQAGSRPHVGDRDPRGGVSGG GRRQDEALREL RHGHVRSLSERLLQLSLERNGARVP SHMSSSHSFPQLARSQQGPQPRGPPAEGPEPRGP PPQYPHAVMAQETA AVTDPRYRPRSSPHFQHA EVRILQAQVPPVFLQQQQYQYLPQPQEHSPPLHPAALG HGPPSSFGPPAVEGPPSAQATLGS AHLAQMETVLRENARLQRDNERLQRELESTSEKAGRIEKL ENEIQR LSEAHESLMRTSSKREALEKTMRNKMDGEMRRLQDFNRDLRERLESANRHLASKTQEAQAGSQDMVAKLL AQSYEQQQEQEKLEREMALLRGAIEDQRRHAELLEQALGNAQSRARAEEELRKKQAYVEKVERLQQALG QLQAACEKREQLRLRLRTRLEQELKALRAQQRQTGTLAGGGGSHGGS AELSALRLSEQLREKEEQILALE ADMTKWEQKYLEERAMRQFAMDAATAAAQRD TTLIRHSPQSPSSSFNEGLLPGNHRHQEMESRLKVLH AQILEKDAVIKVLQQRSRKDPGKATQGTLRPAKSVPSIFAAAVGTQGWQGLVSSERQTDARPA GDRVPAE EPPATAPLPAHTKHGSRDGSTQTDGPADNTSACLASEPDGLLG CNSSQRTPSLDSIAATRVQDLS DMVEI LI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_019764
ORF Size:	2316 bp
Buffer:	PBS with 0.001% Pluronic F77
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_019764.2, NP_062738.2</u>
RefSeq Size:	4191 bp
RefSeq ORF:	2319 bp
Locus ID:	56332
UniProt ID:	<u>Q8K371</u>
Cytogenetics:	9 F1
MW:	85.3 kDa