

Product datasheet for **MR207672A1V**

Mouse Akt3 (NM_011785) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Akt3 (NM_011785) AAV Particle
Tag:	Myc-DDK
Symbol:	Akt3
Synonyms:	AI851531; D930002M15Rik; Nmf350
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR207672 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGCGATGTTACCATTGTGAAAGAAGTTGGGTT**CAGAAGAGGGGAGAATATATAAAAACTGGAGGC**
CAAGATACTTCCTTTGAAGACAGATGGCTCATTCATAGGCTATAAGGAGAAACCTCAAGATGTGGACTT
 ACCTTATCCCCTCAACA**ACTTCTCAGTGGCAAAATGTCAGT**TAATGAAAACAGAACGACCAAAGCCAAAT
 ACATTTATTATCAGATGTCTT**CAGTGGACCACTGTTATAGAGAGA**ACATTT**CATGTAGATACACCAGAGG**
AAAGAGAAGAGTGGACGGAAGCTATCCAAGCCGTAGCCGACCGATTGCAGAGGCAAGAGGAGGAGAGGAT
GAATTGTAGCCCAGCCTCACAGATTGATAATATAGGAGAAGAAGAGATGGATGCGTCTACAACCCATCAT
AAAAGAAAGACGATGAATGATTTTGACTATTTGAAACTACTAGGTAAGGCACTTTTGGGAAAGTTATTT
 TGTTTCGAGAGAAGGCAAGTGGAAA**ACTATGCTATGAAGATCTGAAGAAAGAAGTCATTATTGCAA**
GGATGAAGTGGCACACACTCTTACTGAAAGCAGAGTACTAAAGAACACCAGACATCCATTTTTAACATCC
TTGAAATATTCCTTCCAGACAAAAGACCGTTTGTGTTTTGTGATGGAATATGTTAATGGCGGAGAGCTGT
TTTTCCATTTGTGCGAGAGAGCGAGTGTCTCTGAGGACCGCACACGTTTCTATGGTGCAGAAATTGTCTC
TGCTTTGGACTATCTACATTCTGGAAAGATTGTGTACCGTGATCTCAAGTTGGAGAA**TTTGATGCTAGAT**
AAGGATGGCCATATAAAATACCGATTTTGGGCTTTGCAAAGAAGGGATCACAGATGCAGCTACCATGA
AGACATTCTGTGGCACACCAGAGTACCTGGCACCAGAGGTATTAGAAGATAATGACTATGGCCGAGCCGT
GGACTGGTGGGCTTAGGTGTTGTCATGTATGAAATGATGTGTGGAAGTTGCTTTTCTACA**ACCAGGAT**
CATGAGAACTCTTTGAATTAATACTAATGGAAGACATTAAAT**TCCCCGAACACTCTCTTCAGATGCAA**
AATCATTGCTTTGAGGCTCTTGATAAAGGATCCAAA**TAAACGCCTTGGTGGAGGGCCAGATGATGCAA**
AGAAATCATGAGGCATAGTTTTTTTCTGGAGTAAACTGGCAAGATGTATATGACAAAAAGCTTGTACCT
 CCTTTAAGCCTCAAGTAA**CATCTGAAACAGACACCCGAT**TTTTGATGAAGAA**TTTACAGCTCAGACTA**
TTACAATAACACCACCTGAAAAGTATGACGACGACGGCATGGACGGCATGGACAGCGAGCGGCCG**CACA**
CTTCCCTCAGTTCTCTACTCTGCAAGCGGACGGGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207672 protein sequence
 Red=Cloning site Green=Tags(s)

MSDVTIVKEGWVQKRGEYIKNWRPRYFLLKTDGSFIGYKEKPQDVLPYPLNNFSVAKCQLMKTERPKPN
 TFIIRCLQWTTVIERTFHVDTPPEEREWTEAIQAVADRLQRQEERMNCSPASQIDNIGEEEMDASTHH
 KRKTMNDFDYLKLLGKGTFGKVLVREKASGKYAMKILKKEVI**IAKDEVAHTL**TESRVLKNTRHPFLTS
 LKYSFQTKDRLCFVMEYVNGGELFFHL**SRERVF**SED**TRFYGAEIVSALDYLHSGKIVYRDLKLENMLD**
KDGHIKITDFGLCKEGITDAATMKTFCGTPEYLAPEVLEDNDYGRAVDWWGLGVVYEMMCGRLPFY**QD**
HEKLFELILMEDIKFPRTLSSDAKSLLSGLLIKDPNKRLGGGPDDAKEIMRHSFFSGV**NWQDVYDKKLV**
PFKPQVTSETDRYFDEEFTAQTITITPPEKYDDDGMDGMSERRPHFPQFSYSASGRE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_011785

ORF Size:

1440 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_011785.2, NP_035915.2</u>
RefSeq Size:	4735 bp
RefSeq ORF:	1440 bp
Locus ID:	23797
UniProt ID:	<u>Q9WUA6</u>
Cytogenetics:	1 H4
MW:	55.7 kDa