

Product datasheet for **MR225320A1V**

Mouse Acvr1 (NM_001110204) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Acvr1 (NM_001110204) AAV Particle
Tag:	Myc-DDK
Symbol:	Acvr1
Synonyms:	ActR-I; ActRIA; Acvr; Acvr1k2; Alk-2; ALK2; Alk8; D330013D15Rik; SKR1; Tsk7L
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR225320 representing NM_001110204
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTCGATGGAGTAATGATCCTTCCTGTGCTAATGATGATGGCTTTCCCTTCCCGAGTGTGGAAGATG
 AGAAGCCCAAGGTCAACCAGAACTTTACATGTGTGTGTGAGGGCCTCTCCTCGGGAAACGAGGACCA
 CTGTGAAGGCCAGCAGTGTCTTCTCTGAGCATCAACGATGGCTTCCACGTCTACCAGAAGGCTGC
 TTTAGGTTTATGAGCAGGGGAAGATGACGTGTAAGACCCCGCGTCACCTGGCCAGGCTGTGGAGTGCT
 GCCAAGGGGACTGGTGTAAACAGGAACATCACGGCCAGCTGCCACTAAAGGGAAGTCTTCCCGGAAC
 ACAGAATTTCCACCTGGAAGTTGGCCTTATCATCCTCTCGGTGGTGTTCAGATATGCTTTTAGCTTGC
 ATCCTTGGAGTTGCTCTCAGGAAGTTAAGAGACGCAATCAAGAGCGCCTGAACCCAGAGAGCTGGAGT
 ATGGTACCATTGAAGGGCTCATCACCAATGTGGGAGACAGCACTCTAGCGGAACCTAGATCACTC
 GTGTACATCAGGAAGTGGCTCCGGTCTTCTTTCTGGTACAGAGAACGGTGGCTCGCCAGATAACCTG
 TTGGAGTGTGTGCGGAAGGGCCGGTATGGAGAAGTATGGAGGGGCACTGGCAAGGCGAAATGTGCTG
 TGAAGATCTTCTCTCCCGAGACGAGAAGTCATGGTTCAGGGAGACGGAATTGTACAACACTGTGATGTT
 GAGGCATGAAATATCTTAGGTTTCATCGCTTCAGACATGACCTCCAGACACTCCAGTACCCAGCTGTGG
 CTCATCACACATTACCATGAAATGGGATCGTTGTATGACTACCTTCAGCTCACTACTCTGGATACGGTTA
 GCTGCCTTCGGATTGTACTGTCCATAGCCAGCGGCCTTGCCATTTGCACATAGAGATATTTGGGACCCA
 AGGGAAGTCCGCCATTGCCATCGAGATCTGAAGAGCAAAAACATCCTGGTGAAGAAGATGGACAGTGC
 TGCATAGCAGATTTGGCCTGGCAGTCATGCATTCCAGAGCAAAAACAGCTTGATGTGGGAAACAACC
 CCCGTGTGGGGACCAAGCGCTACATGGCTCCGGAAGTGTGCTGATGAAACCATCCAAGTGGATTGCTTTGA
 TTCTTATAAGAGGGTCGATATTTGGGCCTTTGGCCTTGTCTGTGGGAAGTGGCCAGGCGAATGGTGAGC
 AATGGTATAGTGAAGATTACAAGCCACCATTCTATGATGTGGTTCCTAATGACCAAGTTTTGAAGATA
 TGAGGAAAGTTGTCTGTGTGGATCAACAGAGGCCAAACATACCTAACAGATGGTTCTCAGACCCGACATT
 AACTTCTCTGGCGAAGCTGATGAAAGAGTGTGGTATCAGAACCCATCCGCAAGACTCACAGCTCTACGT
 ATCAAAAAGACTTTGACCAAAATCGATAATTCCTAGACAAATTAATAACTGACTGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MVDGVMILPVLMMMAFPSPSVEDEKPKVNQKLYMCVCEGLSCGNEDHCEGQQCFSSLSINDGFHVYQKGC
 FQVYEQKMTCKTPPSPGQAVECCQGDWCNRNITAQLPTKGKSFPGTQNFHLEVGLIILSVVFAVCLLAC
 ILGVALRKFKRRNQERLNPRDVEYGTIEGLITTNVGDSTLAELLDHSCTSGSGSGLPFLVQRTVARQITL
 LECVKGGRYGEVWRGSWQGENVAVKIFSSRDEKSWFRETEL YNTVMLRHENILGF IASDMTSRHSSTQLW
 LITHYHEMGSLYDYQLTTLDTVSCLRIVLSIASGLAHLHIEIFGTQGKSAIAHRDLKSKNILVKKNGQC
 CIADLGLAVMHSQSTNQLDVGNNPRVGTKRYMAPEVLDETIQVDCFDYSYKRVDIWAFLVLWEVARRMVS
 NGIVEDYKPPFYDVVPNDPSFEDMRKVVCVDQQRPNIPNRWFSOPTLTSLAKLMKECWYQNPSARLTALR
 IKKTLTKIDNSLDKLTDC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001110204

ORF Size:

1527 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_001110204.1</u> , <u>NP_001103674.1</u>
RefSeq Size:	3312 bp
RefSeq ORF:	1530 bp
Locus ID:	11477
UniProt ID:	<u>P37172</u>
Cytogenetics:	2 C1.1
MW:	57.2 kDa