

Product datasheet for **RC209245A1V**

Human IRAKM (IRAK3) (NM_007199) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human IRAKM (IRAK3) (NM_007199) AAV Particle
Tag:	Myc-DDK
Symbol:	IRAK3
Synonyms:	ASRT5; IRAKM
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209245 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCGGGGAAGTGTGGGGCCCGCGCGCTGTGGCGCACACGCTGCTGTTTCGACCTGCCGCCCGCGC
 TGCTCGGAGAGCTCTGCGCTGTTCTGGACAGCTGCGACGCGCGCTGGGCTGGCGCGCCTGGCAGAGAG
 ACTTTCAAGCAGCTGGCTGGATGTTCTGTCATATTGAAAAGTATGTAGACCAAGGTAAAAGTGGAACAAGA
 GAATTACTTTGGTCTGGGCACAGAAAAACAAGACCATCGGTGACCTTTTACAGGTCCTCCAGGAGATGG
 GACATCGTCGAGCTATTCATTTAATTACAACTATGGAGCAGTGTGAGTCCTTCAGAGAAGAGTTATCA
 GGAAGGTGGATTTCCAAATATATTATTCAGGAAACAGCCAATGTCACCGTGGATAATGTTCTTATTCT
 GAACATAATGAAAAGGAGTACTGCTTAAATCTCCATCAGCTTTCAAATATCATAGAAGGAAGTAGAA
 ATTTCCACAAAGACTTCCTAATTGGAGAAGGAGAGATTTTGGAGTATACAGAGTGGAGATTCAAAACCT
 AACATATGCTGTCAAATTATTTAAACAGGAGAAAAAATGCAGTGAAGAAGCATTGGAAGAGGTTTTTA
 TCTGAGCTTGAAGTTTTACTACTGTTTCATCACCCAAACATACTAGAGTTGGCTGCATATTTTACAGAGA
 CTGAGAAGTTCTGCTGATTTATCCATACATGAGAAATGGAACACTTTTTGACAGATTGCAGTGTGTAGG
 TGACACGGCCCACTCCCTTGGCACATTCGAATCGGTATATTAATAGGAATATCCAAAGCCATTCCTAC
 CTGCACAACGTTCAACCATGCTCGGTCTCTGTGGCAGTATATCAAGTGCAAACATCCTTTTGGATGATC
 AGTTTCAACCCAACTAACTGATTTTGGCATGGCACACTTCGGTCCCACCTAGAACATCAGAGTTGTAC
 CATAAATATGACCAGCAGCAGCAGTAACATCTGTGGTACATGCCAGAAGAGTACATCAGACAGGGGAAA
 CTTTCCATTAACAGATGTCTACAGCTTTGGAATTGTAATGGAAGTTCTAACAGGATGTAGAGTAG
 TGTTAGATGATCCAAACATATCCAGCTGCGGGATCTCCTTAGAGAATTGATGGAGAAGAGAGGCTGGA
 TTCATGTCTCTCATTCTAGATAAGAAAAGTGCCCTCCCTGCCCTCGGAATTTCTCTGCCAAGCTCTTCTGT
 TTGGCAGGCGGTGTGCTGCAACGCGGGCAAAGTTAAGACCATCAATGGATGAAGTTTTAAATACTCTTG
 AAAGTACTCAAGCCAGCTTGATTTTGTGAAGATCTCCACATCACTAAAGTCCTTCAGGTGTCCTTC
 TCCTCTATTCTGGAGAATGTACCAAGTATTCAGTGAAGATGATGAAAGCCAGAATAACAATTTACTA
 CCTTCTGATGAAGGCTGAGGATAGACAGAATGACTCAGAAAACCTCTTTTGAATGCAGCCAGTCTGAGG
 TTATGTTTCTGAGCTTGACAAAAGCCAGAGAGCAAGAGAAATGAGGAAGCTTGCAACATGCCAGTTC
 TTCTTGTAAGAAAGTTGGTTCCCAAAGTATATAGTTCATCCCAGGACTTAAGGCCCTATAAGGTAAT
 ATAGATCCTTCTCAGAAGCTCCAGGGCATTCTGCGAGGAGCAGGCCAGTGGAGAGCAGCTGTTCTCCA
 AATTTTCTGGGATGAATATGAACAGTACAAAAAGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209245 protein sequence
 Red=Cloning site Green=Tags(s)

MAGNCGARGALSAHTLLFDLPPALLGELCAVLDSCDGALGWRGLAERLSSSWLDVRHIEKYVDQKSGTR
 ELLWSWAQKNKTIGDLLQVLQEMGHRRRAIHLITNYGAVLSPSEKSYQEGGFNILFKETANVTVDNVLI
 EHNEKGVLKSSISFQNIIEGTRNFHKDFLIGEGEIFEVYRVEIQNLTYAVKLFKQEKMQCKKHWKRF
 SELEVLLLFHHPNILELAAYFTETEFCLIPYMRNGTLFDRLQCVGDTAPLPWHIRIGILIGISKAIHY
 LHNVPQCSVICGSISSANILLDDQFQPKLTDFAMAHFRSHLEHQSCINMTSSSKHLWYMPEEYIRQK
 LSIKTDVYSFGIVIMEVLTGCRVVLDDPKHIQLRDLLRELMKRGLDCLSLDKKVPVPCPRNFSAKLFC
 LAGRCAATRALKRPSMDEVLTLESTQASLYFAEDPPTSLKSFRCPSPLFLENVPSIPVEDDESQNNLL
 PSDEGLRIDMTQKTPFECSQSEVMFLSLDKKPESKRNEEACNMPSSSCEESWFPKYIVPSQDLRPYKVN
 IDPSSEAPGHSCSRPVESSCKSFWDYEYQYKKE

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_007199
ORF Size:	1788 bp
Buffer:	PBS with 0.001% Pluronic F6398
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_007199.1, NP_009130.1</u>
RefSeq Size:	8351 bp
RefSeq ORF:	1791 bp
Locus ID:	11213
UniProt ID:	<u>Q9Y616</u>
Cytogenetics:	12q14.3
MW:	67.8 kDa