

Product datasheet for **RC218437A1V**

Human IRAK2 (NM_001570) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human IRAK2 (NM_001570) AAV Particle
Tag:	Myc-DDK
Symbol:	IRAK2
Synonyms:	IRAK-2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC218437 representing NM_001570
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCCTGCTACATCTACCAGCTGCCCTCTGGGTGCTGGACGACCTGTGCCGAACATGGACGCGCTCA
 GCGAGTGGGACTGGATGGAGTTGCGCTCTACGTGATCACAGACCTGACCCAGCTGCGGAAGATCAAGTC
 CATGGAGCGGGTGCAGGGTGTGAGCATCACGCGGAGCTGCTGTGGTGGTGGGGCATGCGGCAGGCCACC
 GTCCAGCAACTTGTGGACCTCCTGTGCCGCTGGAGCTCTACCGGGTGGCCAGATCATCTGAACTGGA
 AACCGGCTCCTGAAATCAGGTGTCCATTCCAGCCTTCCCTGACTCTGTGAAGCCAGAAAAGCCTTTGGC
 AGCTTCTGTAAGAAAGGCTGAGGATGAACAGGAAGAGGGGAGCCTGTGAGGATGGCCACCTTTCCAGGC
 CCAGGGTCTCTCCAGCCAGAGCCACCAGCCGGCCTTTCTCCAGCCTCTGAAGAAGATGCCCTCATT
 CCTTGAGAAGCGACCTCCCACTTCGTCTGATTCAAAGGACTTCAGCACCTCCATTCTAAGCAGGAAAA
 ACTTTTGAGCTTGGCTGGAGACAGCCTTTCTGGAGTGAGGCAGACGTGGTCCAGGCAACCGATGACTTC
 AATCAAAACCGCAAAATCAGCCAGGGGACCTTTGCTGACGTCTACAGAGGGCACAGGCACGGGAAGCCAT
 TCGTCTTCAAGAAGCTCAGAGAGACAGCCTGTTCAAGTCCAGGATCAATCGAAAGATTCTTCCAGGCAGA
 GTTGACAGATTTGTCTTAGATGCTGCCACCCCAATGTCTTACCTGTGCTGGGCTTCTGTGCTGCAAGACAG
 TTTACAGCTTCATCTACCCCTACATGGCAATGGTTCCTACAGGACAGACTGCAGGGTCAGGGTGGCT
 CGGACCCCTCCCCTGGCCCCAGCGTGTGAGCATCTGCTCAGGGTCTGCTGTGCCGTCGAGTACCTGCA
 TGGTCTGGAGATCATCCACAGCAACGTCAAGAGCTCTAATGTCTTGTGGACAAAATCTCACCCCAAA
 CTTGCTCACCAATGGCTCATCTGTGTCTGTCAACAAAAGGTCAAAATACACCATGATGAAGACTCACC
 TGCTCCGGACGTGAGCCGCGTATCTGCCAGAGGATTTTCATCCGGTGGGGCAGCTGACAAAGCAGTGGA
 CATCTTCAGCTGTGGAATAGTGTGGCGAGGTCTCACGGGCATCCCTGCAATGGATAACAACCGAAGC
 CCGGTTTACCTGAAGGACTTACTCCTCAGTGATATTCCAAGCAGCACCGCCTCGCTCTGCTCCAGGAAGA
 CGGGCGTGGAAACGTGATGGCAAGGAGATCTGCCAGAAGTACCTGGAGAAGGGCGCAGGGAGGCTTCC
 GGAGGACTGCGCCGAGGCCCTGGCCACGGCTGCCTGCCTGTGCCTGCGGAGGCGTAACACCAGCCTGCAG
 GAGGTGTGTGGCTCTGTGGTGTGTGGAAGAGCGGCTCCGAGGTGGGAGACGTTGCTCCCTTGGAGTG
 GGCTTTCTGAGGTACAGGCTCTTCTTCAACACCCAGAGGAAACAGACGACGTTGACAATTCCAGCCT
 TGATGCCTCCTCCTCATGAGTGTGGCACCTGGGAGGGGCTGCCACCCACTTCTCCCAACAGAGAAT
 GGGGAAGGAAGGCTGCGGTATCGTGGGAAGGAGGCTGACTCCTCTGAGGCCTGTGTTGGCTGG
 AGCCTCCCCAGGATGTTACAGAACTTCGTGGCAAATTGAGATCAATGAGGCCAAAAGGAAACTGATGGA
 GAATATTCTGCTCTACAAAGAGGAAAAAGTGGACAGCATTGAGCTCTTTGGCCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MACYIYQLPSWVLDLDRNMDALSEWDMEFASYVITDLTQLRKIKSMERVQGVISITRELLWWWGMRQAT
 VQQLVDLLCRLELYRAAQIILNWKPAPEIRCPAPFSDSVKPEKPLAASVRKAEDQEEGQPVPMATFPG
 PGSSPARAHQPAFLQPPEEDAPHSLRSDLPTSSDSKDFSTSIQKQKLLSLAGDSLFWSEADVQATDDF
 NQNRKISQGTADVYRGRHGRKPFVFKKLRETACSSPGSIERFFQAEQLICLRCCHPNVLPLVGFCAARQ
 FHSFIYPYMANGSLQDRLQGQGGSDPLPWPQRVISGILLCAVEYLHGLEIIHSNVKSSNVLLDQNLTPK
 LAHPMAHLCPVNRKSKYTMKTHLLRTSAAYLPEDFIRVGQLTKRVDIFSCGIVLAEVLTGIPAMDNNRS
 PVYLDKLLSDIPSSASLCSRKTGVENVMAKEICQKYLEKGAGRLPEDCAEALATAACLCLRRRNTSLQ
 EVCGSVAAVEERLRGRETLTPWSGLSEGTGSSNTPEETDDVDNSSLDASSMSVAPWAGAATPLLPTEN
 GEGRLRVIVGREADSSSEACVGLPEPPQDVTETSWQIEINEAKRKLMEINILLYKEEKVDSIELFGP

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001570
ORF Size:	1875 bp
Buffer:	PBS with 0.001% Pluronic F7848
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_001570.3</u>
RefSeq Size:	3469 bp
RefSeq ORF:	1878 bp
Locus ID:	3656
UniProt ID:	<u>O43187</u>
Cytogenetics:	3p25.3
MW:	69.3 kDa