

Product datasheet for **RC203041A1V**

Human IRAK4 (NM_016123) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human IRAK4 (NM_016123) AAV Particle
Tag:	Myc-DDK
Symbol:	IRAK4
Synonyms:	IMD67; IPD1; IRAK-4; NY-REN-64; REN64
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC203041 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAACAAACCCATAACACCATCAACATATGTGCGCTGCCTCAATGTTGGACTAATTAGGAAGCTGTCAG
 ATTTTATTGATCCTCAAGAAGGATGGAAGAAGTTAGCTGTAGCTATTAACCAACATCTGGTGATGATAG
 ATACAATCAGTTTCACATAAGGAGATTTGAAGCATTACTTCAAAGTGGAAAAAGTCCCACTTCTGAATTA
 CTGTTTGAAGTGGGACCAACAAATTGCACAGTTGGTGATCTTGTGGATCTTTGATCCAAATGAATTTT
 TTGCTCCTGCAAGTCTTTTGTCCAGATGCTGTTCCCAAACTGCTAATACACTACCTTCTAAAGAAGC
 TATAACAGTTCAGCAAAACAGATGCCTTTCTGTGACAAAGACAGGACATTGATGACACCTGTCAGAAT
 CTTGAACAAAGCTATATGCCACCTGACTCCTCAAGTCCAGAAAATAAAAGTTTAGAAGTTAGTGATACAC
 GTTTTCACAGTTTTTCATTTTATGAATTGAAGAATGTCACAAATAACTTTGATGAACGACCCATTTCTGT
 TGGTGGTAATAAAATGGGAGAGGAGGATTTGGAGTTGTATATAAAGGCTACGTAATAACACAAGTGTG
 GCAGTGAAGAAGCTTGCAGCAATGGTTGACATTACTACTGAAGAAGTGAACAGCAGTTTGATCAAGAAA
 TAAAGTAATGGCAAAAGTGTCAACATGAAAAGTCTAGTAGAACTACTTGGTTTCTCAAGTGTGGAGATGA
 CCTCTGCTTAGTATATGTTTACATGCCTAATGGTTTCTGCTAGACAGACTCTCTGCTTGGATGGTACT
 CCACCACTTTCTTGGCAGATGAGATGCAAGATTGCTCAGGGTGCAGCTAATGGCATCAATTTTCTACATG
 AAAATCATCATATTCATAGAGATATTAAGAGTCAAATATCTTACTGGATGAAGCTTTTACTGCTAAAAT
 ATCTGACTTTGGCCTTGACGGGCTTCTGAGAAGTTTGGCCAGACAGTCATGACTAGCAGAATTGTGGGA
 ACAACAGCTTATATGGCACCAGAAGCTTTGCGTGGAGAAATAACACCCAAATCTGATATTTACAGCTTTG
 GTGTGGTTTTACTAGAAATAATACTGGACTTCCAGCTGTGGATGAACACCGTGAACCTCAGTTATTGCT
 AGATATTAAGAAGAAATTGAAGATGAAGAAAAGACAATTGAAGATTATATTGATAAAAAGATGAATGAT
 GCTGATTCCACTTCAGTTGAAGCTATGTACTCTGTTGCTAGTCAATGTCTGCATGAAAAGAAAAATAAGA
 GACCAGACATTAAGAAGGTTCAACAGCTGCTGCAAGAGATGACAGCTTCT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203041 protein sequence
 Red=Cloning site Green=Tags(s)

MNKPITPSTYVRCLNVGLIRKLSDFIDPQEGWKKLAVAIKKPSGDDRYNQFHIRRFEALLQTGKSPTSEL
 LFDWGTNCTVGDLDLLIQNEFFAPASLLLPDAVPKTANTLPSKEAIVQKQMPFCDKDRITLMPVQN
 LEQSYMPPDSSPENKSLEVSDFHFSFYELKNVTNNFDERPISVGGNKMGEAGGVVYKGYVNNNTTV
 AVKKLAAMVDITTEELKQQFDQEIKVMACQHENLVELLGFSSDGDCLVYVYMPNGSLDRLSCLDGT
 PPLSWHMRCKIAQGAANGINFLHENHHIHRDIKSANILLDEAFTAKISDFGLARASEKFAQTVMTSRIVG
 TTAYMAPEALRGEITPKSDIYSFGVLLLEIITGLPAVDEHREPQLLLDIKEEIEDEEKTIEDYIDKKMND
 ADSTSVEAMYSVASQCLHEKKNRPDIKKVQQLQEMTAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_016123

ORF Size:

1380 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_016123.1</u>
RefSeq Size:	4303 bp
RefSeq ORF:	1383 bp
Locus ID:	51135
UniProt ID:	<u>Q9NWZ3</u>
Cytogenetics:	12q12
MW:	51.5 kDa