

Product datasheet for **MR207322A1V**

Mouse Irak4 (NM_029926) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Irak4 (NM_029926) AAV Particle
Tag:	Myc-DDK
Symbol:	Irak4
Synonyms:	8430405M07Rik; 9330209D03Rik; IRAK-4; NY-REN-64
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR207322 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

 ATGAACAAGCCGTTGACACCATCGACATACATACGCAACCTTAATGTGGGATCCTTAGGAAGCTGTCGG
ATTTTATTGATCCTCAAGAAGGGTGGAAGAAATTAGCAGTAGCTATCAAAAAGCCGTCGGCGACGACAG
ATACAATCAGTTCATATAAGGAGATTCGAAGCCTTACTTCAGACCGGGAAGAGCCCCACCTGTGAAGT
CTGTTTGAAGTGGGACCAACGAACTGCACAGTTGGCGACCTTGTGGATCTACTGGTCCAGATTGAGCTGT
TTGCCCGCCACTCTCTGCTGCCGGATGCCGTTCCCAACCGTCAAAGCCTGCCTCTAGAGAAGC
GGCAACAGTGGCACAACACACGGGCTTGTCAAGAAAAGGACAGGACATCCGTAATGCCTATGCCGAAG
CTAGAACACAGCTGCGAGCCACCGGACTCCTCAAGCCCAGACAACAGAAGTGTAGAGTCCAGCGACTC
GGTTCACAGCTTCTCGTTCATGAAGTGAAGAGCATCACAAACAACTTCGACGAGCAACCCGCTCTGC
CGGTGGCAACCGGATGGGAGAGGGGGGATTTGGAGTGGTGTACAAGGGCTGTGTGAACAACCATCGTG
GCGGTGAAGAAGCTCGGAGCGATGGTTGAAATCAGTACTGAAGAACTAAAGCAACAGTTTGATCAAGAAA
TTAAAGTAATGGCAACGTGTGACGACGAGAACCTGGTGGAGCTGCTCGGCTTCTCCAGCGACAGCGACAA
CCTGTGCTTAGTGATGCTTACATGCCCAACGGGTCTTGTGGACAGACTGTCTGCCTGGATGGTACA
CCACCGCTTCTCGGCACACAAGGTGCAAGGTTGCTCAGGGGACAGCAATGGCATCAGGTTTCTGCATG
AAAATCATCACATTCATAGAGATATTAAGAGTGCAATATCTTACTAGACAGAGACTTTACTGCCAAAT
ATCTGACTTTGGGCTTGACGGGCTTCGGCAAGGCTAGCGCAGACGGTCATGACCAGCCGAATCGTGGGC
ACAACGGCTTACATGGCACCCGAAGCTTTCGGGGGAGAAATAACACCCAAATCTGACATCTACAGCTTCG
GCGTGGTCTGTTGGAGCTGATAACCGGGCTGGCGGCTGTGGATGAAAACCGTGAACCTCACTACTGCT
GGATATTAAGAAGAGATTGAAGATGAAGAGAAGACGATTGAAGATTACACGGATGAGAAGATGAGCGAT
GCGGACCTGCTTCGGTGAAGCAATGTACTCTGCTGCTAGCCAGTGTCTGCATGAGAAGAAAAACAGAC
GGCCAGACATTGCAAAGGTTCAACAGCTGCTACAAGAGATGTCTGCT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207322 protein sequence

Red=Cloning site Green=Tags(s)

 MNKPLTPSTYIRNLNVGILRKLSDFIDPQEGWKKLAVAIKKPSGDDRYNQFHIRRFEALLQTGKSPTCEL
LFDWGTNCTVGDLDLLVQIELFAPATLLLPDAVPQTVKSLPPREAAATVAQTHGPCQEKDRTSVMPPK
LEHSCPPDSSPDNRSVESDTRFHSFSFHELKSIITNNFDEQPASAGGNRMGEGGFVVYKGCVNNTIV
AVKKLGAMVEISTEELKQFQDIKVMATCQHENLVELLGFSSDSNLCVYAYMPNGSLDRLSCLDGT
PPLSWHTRCKVAQGTANGIRFLHENHHIHRDIKSANILLDRDFTAKISDFGLARASARLAQTVMTSRIVG
TTAYMAPEALRGEITPKSDIYSFGVVLLELITGLAAVDENREPQLLLDIKEEIEDEEKTIEDYTDEKMSD
ADPASVEAMYSASQCLHEKKNRRPDIKVQQLQEMSA

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_029926

ORF Size:

1377 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_029926.3, NP_084202.2</u>
RefSeq Size:	2825 bp
RefSeq ORF:	1380 bp
Locus ID:	266632
UniProt ID:	<u>Q8R4K2</u>
Cytogenetics:	15 E3
MW:	50.9 kDa