

Product datasheet for **MR207428A1V**

Mouse Riox2 (NM_025910) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Riox2 (NM_025910) AAV Particle
Tag:	Myc-DDK
Symbol:	Riox2
Synonyms:	1810047J07Rik; 2410057H13Rik; 3830408E23Rik; AI449204
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR207428 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**

 ATGCCAAAGAAAGTGCAGCCACAGGGGATGAGAACGAAGAAGAGTCTGTTCTTCAAGCGGGTGAAGG
AGGAGCTGCCTGAAACGCTTTCTGTATTAACTTTGACAGCCCCAGTAGTTTCTCGAAAGTTTAACTCTC
ACCCATCAAAGTAGAGACTTTTTTCAAGGAATTCTGGGAACAAAAGCCCCCTTCTCATTACAGAGGATGAC
CCTGTACTGGCCAAATATTACAGTCTCTGTTGAGCCTCTCAGATCTGAAGAGACTCTGCAAGAAAGGAG
TGTACTATGGAAGAGACGTGAATGTCTGCCGAGCATCAGTGGGAAGAAGAAGGTTTTAAATAAGGATGG
CAGAGCACATTTTCTCAGCTGAGAAAAGATTTTGATCAGAAGAGGGCAACAATTCAGTTTCACCAACCT
CAGAGATATAAGGATGAGCTGTGGCGGATCCAGGAAAAGCTGGAATGTTACTTTGGGTCCTTAGTAGGCT
CGAATGTGTACATGACTCCTGCAGGATCTCAGGCGCTCCCTCCACATTATGATGATGTTGAGGTTTTTAT
CCTGCAGCTGGAGGGAACGAAACACTGGCGCTGTACTCCCCAACTGTGCCCTGGCACACGAGTACAGT
GTGGAATCTGAGGACCGGATCGGCACACCGACACGACTTCCTGCTGAAGCCTGGAGATTTGTTGTA
TTCCCAGAGGGACCATTCATCAGGCAGAACTCCTTCAGGCTGGCCTACTCTATTACCTGACTATTAG
CACCTACCAGAACAATTCATGGGAGACTGCCTTTTGGATTCCATTTCCGGGTTTCGATTTGACATTGCA
AAGGAAGATGTGCATTAAGGAGTGAATGCCCGCGGATGCTCCTGAATGTGGAACCCAGCTGATG
TAACAAGGAAGTTGAGTGGCTTTCTGAGGACTCTGCAGACAGCTCGAGGGCAGAGAAGAGCTGCTGTC
ATCAGATATGAAGAAGGACTTCGTCAAGCACAGACTCCCTCCTTTCTCGAGGGAATGGAACGGAGACG
ATGGACCCAGGTAAACAGTTGCCAAGTTGGACAACATAATAAGACTGCAGTTCAAAGATCACATTGTCC
TCACAGTAGGGCCAGATAAGAATCCATTTGATGAAGCTCAACAAAAGGTGGTTTACATCTATCATTCTCT
GAAGAATGTGAGGCAGATGCACATGATAGGAGAAGAGGAGGAATCCGAGATTTTCGGTCTTCGCTTTCT
TTATCACATGTGGATGCTCTGAAGCAAATCTGGTGCGGGTACCAATTCGTGTTAAGGAAGTGAAGTCTG
ACACAGATGAAGAAAAGGAGAACCTGGCACTGTCTCTCTGGTGGAGTCTTTAATCCAAGTACTC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207428 protein sequence

Red=Cloning site Green=Tags(s)

 MPKKVQPTGDENEEESVPCKRVKEELPETLSVLNFDSPSSFFESLISPIKVETFFKEFWQKPLLIQRDD
PVLAKYYQSLFSLSDLKRLCKKGVYGRDVNVCRSISGKKKVLNKDGRAHFLQLRKDFDQKRATIQFHQP
QRYKDELWRIQEKLECYFGLVGSNVYMTAGSQGLPPHYDDVEVFILQLEGTKHWRLYSPTVPLAHEYS
VESEDRIPTHDLLKPGDLLYFPRGTIHAETPSGLAYSIHLTISTYQNNSWGDCLLDSISGFVFDIA
KEDVALRSGMPRRMMLNVETPADVTRKLSGFLRTLADQLEGRELLSSDMKKDFVKHRLPPFFENGTTET
MDPGKQLPRLDNIIRLQFKDHIVLTVGPDKNPFDEAQQKVVIYHSLKNVRQMHMIGEEEESEIFGLRFP
LSHVDALKQIWCGSPIRVKELKLDTEEEKENLALSLWSESIIQVL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_025910

ORF Size:

1395 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_025910.2, NP_080186.2</u>
RefSeq Size:	2159 bp
RefSeq ORF:	1398 bp
Locus ID:	67014
UniProt ID:	<u>Q8CD15</u>
Cytogenetics:	16 C1.3
MW:	53.6 kDa