

Product datasheet for **MR210423A1V**

Mouse Islr2 (NM_001161541) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Islr2 (NM_001161541) AAV Particle
Tag:	Myc-DDK
Symbol:	Islr2
Synonyms:	B930052A04Rik; Linx; Mbu-3; mKIAA1465
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210423 representing NM_001161541
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGGGCCCTTTGGAGCCCTGTGTTTGGCCTGGGCTTTGCTAGGAGTGGTCAGAGCGTGTCCCGAGCCTT
 GCGCCTGTGTTGACAAGTACGCCACCAAGTTTGACAGACTGTGCCTACAAGGAGCTGCGCGAGGTCCAGAG
 AGGACTGCCAGCCAACGTGACCACGCTTAGTCTGTCTGCCAACAGATTACGGTACTAAGGCGGGGGGCC
 TTCGTAACGTACGCAGGTCACTTCGCTGTGGCTGGCTCACAGTGAGGTACGCACGGTAGAGTCAGGGG
 CATTGGCAGTGCTGAGTCAGCTCAAGAACCTCGACCTAAGCCACAACCTTATATCCAACCTCCCTTGGAG
 CGACCTTCGTAACCTGAGCGCGCTGCAGCTGCTGAAAATGAACCACAACCGTCTGGGATCGTGCCCCGG
 GATGCACTCGGCGCGCTCCCGACCTGCGCTCTCTGCGCATCAACAACAACCGGCTGCGTACCCTGGAGC
 CCGGCACGTTTCAGCAGCTAAGCGCGCTGTCTACCTGCAACTCTATCACAACCCCTTCCACTGCAGCTG
 TGGTCTCGTGTGGCTGCAGGCCCTGGGCAGCGAGCACCCGGGTCTCCTTACCGGAGCCCGATTCTATAGCG
 TGCGCCTCGCCCCCTGAGCTGCAGGGCGTGCCCGTGACCGCCTGCCCGCCTGCCCTGCGCACCCCCCA
 GCGTGCGTCTGAGCGCAGAGCCGCCCTGAGGCACCTGGCACCCCTCTGCGCGCAGGCTTGGCTTTTCAT
 GTTACATTGCGTCGCGGAAGGCCACCCACACCCCGCCTGCAATGGCAACTTCAGATCCCGGGTGGCACT
 GTAGTCTTAGTGCCACCGGTTCTCAGCAAGGAAGAAGTGGAGGAGATAAGGTGGAGGATGGAGAGGGTG
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 TCCAGCCACCCCGCGCTTCTTGGCCCTCGCAATGGCTCTCTGTTGGTGCCCCCTTCTGAGTGCCAAGGAG
 GCAGGCATCTACACTTGTCTGTCACACAATGAGCTGGGCACCAACTCAACGTCCTTACGGGTGACGGTGG
 CTGCAGCGGGGGCGCCAAAACACGCTCCTGGAACAGGGGAAGAACCTGATGCGCAGGTCCCGACCTCTGA
 GCGCAAGGCCACCACTAAGGGCCGTAGCAACAGCGTCCTGCCCTTCAAGCCTGAAGGCAAAACCAAAGGC
 CAAGGTCTTGCCCGAGTCAGCGTGCTTGGGAAATCGAGGCAGAGCTGGAGGAGACAGATGAAGGAGAGC
 AGATGGAAGGTCAGATCCCTGCAGATCCGATGGGAGAGAAGCACTGTGGCCATGGGGACCCCTCTCGCTA
 TGTGTCTAACCATGCATTCAACCAGAGCTCAGATCTCAAGCCGCACGTTTTTGAGTTGGGCGTCATCGCG
 CTGGATGTAGCAGAGCGTGAGGCTCGGGTGACGCTGACGCCTCTTGTGCGCGCTGGGGCCCTGGGCCAG
 ATGGTGCTAGCGGAGCGCGCGCGGGGAGGCGGCCACTGCGCCTACTCTATCTGTGTCCTGCGGGGGG
 TGGCACGGCAGTTCAGTGGTCACGAGTGAAGAGGGGGTCAATGCCTACTGTTTCGCGGCTGCGGCCT
 GGCACCAACTACTCCGTATGCCTGGCACTGGCGGGCGAGGCGTGTACGTCAGGTGGTGTCTTCTACCA
 AGAAAGAACTGCGGTCCCTGCTGGTTATCGTGACCGTGAGTGTTTTCTCCTGGTGCTGGCCACCGTGCC
 CCTGCTGGGTGCCGCTGCTGCCATCTGCTGGCCAAACATCCGGGCAACCCCTACCGTTTAACTCTGAGG
 CCACAGGCCCCGACCTATGGAGAAACGCATCGCGGCCGATTTCGATCCGCGTGCTTCTACCTTGAGT
 CTGAGAAAAGTACCCTGCTCGTGGCGAGGCGGGAGGTGAGGAGCCAGAGGAGTCCCGGAGGAAGGCT
 GGATGAAGATGTGGAGCAGGGGGACCAAGCGGGGACCTTCAGAGAGAGGAAAGCCTGGCGGTTGCTCA
 TTGGTGGAGTCTCAGTCCAAGGCCAACCAAGAGGAGTTCGAGGCTGGCTCGGAGTACAGCGATCGGCTGC
 CCCTGGGAGCGGAAGCAGTCAACATCGCCAGGAAATAAACGGCAACTACAGGCAGACAGCGGGC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210423 representing NM_001161541 Red=Cloning site Green=Tags(s) MGPFGALCLAWALLGVVRACPEPCACVDKYAHQFADCAYKELREVPEGLPANVTTLSLSANKITVLRRGA FVNVTQVTSLWLAHSEVRTVESGALAVLSQLKNLDLSHNLISNFPWSDLRNLSALQLLKMNNHRLGSLPR DALGALPDLRSLRINNRLRTLEPGTFDALSALSHLQLYHNPFHCSCGLVWLQAWAASTRVSLPEPDSIA CASPPELQGVPVHRLPALPCAPPSVRLSAEPPPEAPGTPLRAGLAFMLHCVAEGHPTPRLQWQLQIPGGT VVLVPPVLSKEEDGGDKVEDGEGDGEDLPTQTEAPTTPAPAWPAPPATPRFLALANGSLLVPLLSAKE AGIYTCRAHNELGTNSTSLRVTVAAGPPKHAPGTGEEDPAQVPTSERKATTKGRSNSVLPFKPEGKTKG QGLARVSVLGEIEAELEETDEGEQMEGQIPADPMGEKHCGHGDPSRYVSNHAFNQSSDLKPHVFELGVIA LDVAEREARVQLTPLAARWGPGPDGASGARRPGRRLRLLYLCPAGGGTAVQWSRVEEGVNAYWFRGLRP GTNYSVCLALAGEACHVQVVFSTKKELPSLLVIVTVSVFLLVLATVPLLGAACCHLLAKHPGKPYRLILR PQAPDPMEKRIAADFDPRASYLESEKSYPARGEAGGEEPEEVPEEGLDEDVEQGDPSGDLQREESLAGCS LVESQSKANQEEFEAGSEYSDRLPLGAEAVNIAQEINGNYRQTAG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001161541
ORF Size:	2235 bp
Buffer:	PBS with 0.001% Pluronic F1511
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_001161541.1, NP_001155013.1</u>
RefSeq Size:	3896 bp
RefSeq ORF:	2238 bp
Locus ID:	320563
UniProt ID:	<u>Q5RKR3</u>
Cytogenetics:	9 B
MW:	79.8 kDa