

Product datasheet for **MR223995**

Islr2 (NM_177193) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Islr2 (NM_177193) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Islr2
Synonyms:	B930052A04Rik; Linx; Mbu-3; mKIAA1465
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR223995 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGGCCCTTTGGAGCCCTGTGTTTGGCCTGGGCTTTGCTAGGAGTGGTCAGAGCGTGTCCCGAGCCTT
GCGCCTGTGTTGACAAGTACGCCACCAGTTTGCAGACTGTGCCTACAAGGAGCTGCGCGAGGTCCCAGA
AGGACTGCCAGCCAACGTGACCACGCTTAGTCTGTCTGCCAACAAGATTACGGTACTAAGCGGGGGGCC
TTCGTCACAGTACGCAGGTCACTTCGCTGTGGCTGGCTCACAGTGAGGTACGCACGGTAGAGTCAGGGG
CATTGGCAGTGTGAGTCAGCTCAAGAACCTCGACCTAAGCCACAACCTTATATCCAACCTCCCTTGGAG
CGACCTTCGTAACCTTGGCGCGCTGCAGCTGTGAAAATGAACCACAACCGTCTGGGATCGCTGCCCGG
GATGCACTCGGCGCGCTCCGGACCTGCGCTCTCTGCGCATCAACAACAACCGGCTGCGTACCCTGGAGC
CCGGCACGTTTCGACGCACTAAGCGCGCTGTCTCACCTGCAACTCTATCACAACCCCTTCCACTGCAGCTG
TGGTCTCGTGTGGCTGCAGGCCCTGGGCAGCGAGCACCCGGGTCTCCTTACCGGAGCCGATTCTATAGCG
TGGCCTCGCCCCCTGAGCTGCAGGGCGTGCCCGTGCACCGCCTGCCCGCCTGCCCTGCGCACCCCCCA
CGGTGCGTCTGAGCGCAGAGCCGCCCTGAGGCACCTGGCACCCCTCTGCGCGCAGGCTTGGCTTTCAT
GTTACATTGCGTCGCCGAAGGCCACCCACACCCCGCCTGCAATGGCAACTTCAGATCCCGGGTGGCACT
GTAGTCTTAGTGCCACCGGTTCTCAGCAAGGAAGAAGTGGAGGAGATAAGGTGGAGGATGGAGAGGGTG
ACGGAGATGAGGACCTGCCTACGCAGACTGAAGCGCAACCCCAACTCCAGCACCTGCTTGGCCAGCGCC
TCCAGCCACCCCGCGCTTCTTGGCCCTCGCAAATGGCTCTCTGTTGGTGCCCTTCTGAGTGCCAAGGAG
GCAGGCACTACACTTGTCTGTCACACAATGAGCTGGGCACCAACTCAACGTCTTACGGGTGACGGTGA
CTGCAGCGGGCCGCAAAACACGCTCCTGGAACAGGGGAAGAACCTGATGCGCAGTCCCGACCTCTGA
GCGCAAGGCCACCACTAAGGGCCGTAGCAACAGGCTCCTGCCCTTCAAGCCTGAAGGCAAAACCAAGGC
CAAGGTCTTGCCGAGTCAGCGTCTTGGGAAATCGAGGCAGAGCTGGAGGAGACAGATGAAGGAGAGC
AGATGGAAGGTCAGATCCCTGCAGATCCGATGGGAGAGAAGCACTGTGGCCATGGGGACCCCTCTCGCTA
TGTGTCTAACCATGCATTCAACCAGAGCTCAGATCTCAAGCCGCACGTTTTTGGATTGGCGTTCATCGCG
CTGGATGTAGCAGAGCGTGAGGCTCGGGTGCAGCTGACGCCTCTGCTGCGCGCTGGGGCCCTGGCCAG
ATGGTGTAGCGGAGCGCGGGCCGGGAGGCGGCCACTGCGCCTACTCTATCTGTGTCCTGCGGGGGG
TGGCACGGCAGTTCAGTGGTACGAGTGAAGAGGGGGTCAATGCCTACTGGTTTCGCGGCTGCGGCT
GGCACCAACTACTCCGTATGCTGGCACTGGCGGGCGAGGCGTGTACGTGCAGGTGGTGTCTTCTACCA
AGAAAGAACTGCCGTCCCTGCTGTTATCGTGACCGTGAGTGTCTTCTCCTGGTGTGGCCACCGTGCC
CCTGCTGGGTGCCGCTGCTGCCATCTGCTGGCCAAACATCCGGGCAAACCTACCGTTTAACTCTGAGG
CCACAGGCCCCGGACCCTATGGAGAAACGCATCGCGGCCGATTTTCGATCCGCGTGCTTCTACCTTGTGAGT
CTGAGAAAAGCTACCTGCTCGTGGCGAGGCGGGAGGTGAGGAGCCAGAGGAGGTCCCGGAGGAAGGCT
GGATGAAGATGTGGAGCAGGGGGACCAAGCGGGACCTTTCAGAGAGAGGAAAGCCTGGCGGGTTGCTCA
TTGGTGGAGTCTCAGTCCAAGGCCAACCAAGAGGAGTTTCGAGGCTGGCTCGGAGTACAGCGATCGGCTGC
CCCTGGGAGCGGAAGCAGTCAACATCGCCAGGAAATAAACGGCAACTACAGGCAGACAGCGGGC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_177193.5](#), [NP_796167.2](#)

RefSeq Size: 4129 bp

RefSeq ORF: 2238 bp

Locus ID: 320563

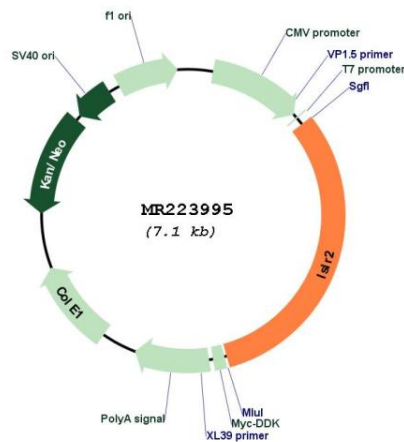
UniProt ID: [Q5RKR3](#)

Cytogenetics: 9 B

MW: 79.8 kDa

Gene Summary: Required for axon extension during neural development.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR223995