

Product datasheet for **MR231153**

Ciz1 (NM_001252537) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ciz1 (NM_001252537) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ciz1
Synonyms:	0610038H21Rik; 2900056O04Rik; LSRF1; ZNF356
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR231153 representing NM_001252537
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTCAACCCGCAACTCCAGCAGCAGCAACAGTTGCAGCAGCAGCAGCAACAGTTGCAGCAGCAGCTCC
 AGCAGCAGCAGCTCCAGCAGCAGCAACAGCAGATCTGCAGCTCCAACAGCTGCTGCAACAGTCCCCACC
 ACAGGCCTCCTTGTCCATTCTGTGTCAGCCGGGGCCTCCCCAGCAGTCATCCCCGCAACAGCTTCTGAGT
 CTCAGGGCCTCCACTCGACCTCCCTGCTCAATGGCCCCATGCTGCAAAGAGCTTTGCTCTACAGCAGT
 TGCAAGGACTGGACCAGTTTGAATGCCACCAGCCACGTATGACGGTGCCAGCCTCACCATGCCTACGGC
 AACACTGGGTAACCTCCGTGCTTTCAATGTGACAGCCCCAAGCCTAGCAGCTCCCAGCCTTACACCACCC
 CAGATGGTCACCCAAATCTGCAGCAGTCTTTCCCCAGGCTACTCGACAGTCTCTGCTGGGGCCTCCTC
 CTGTTGGGGTCCCAATAAACCTTCTCAGCTCAACCCTCAGGGAGGAACACCCAGAAACAGGCCAGAAC
 CCCCTCTCCACCACCCCAATCGAAGACGGTGCCTCTGGAAGACAGGGAAGACCCACAGAGGGGTCT
 GAGGAAGCCACGGAGCTCCAGATGGACACATGTGAAGACCAAGATTCAGTCTGCTCCAGATAGCATGC
 TGAGTGAGCCCCAAGTGCTGAGCCTGAGCCTTTGAGACATTGGAACACCAGCCAAGAGGTGCAGGAG
 CTCAGAGGAGTCCACCGAAAAGGCCCTACAGGGCAGCCACAAGCAAGGGTCCAGCCTCAGACCCAGATG
 ACAGCACCAAAGCAGACACAGACCCCGGATCGGCTGCCTGAGCCACCAGAAGTCCAAATGCTGCCCGGTA
 TCCAGCCACAGGCACTGCAGATCCAGACCCAGCCAAAGCTGCTGAGGCAGGCACAGACACAGACCTCTCC
 AGAGCACTTAGCGCCCCAGCAGGATCAGGTACCCACCAAGCACAGTACAGGAGCAGACATCAGAGAAG
 ACCCAGGACCAGCCTCAGACCTGGCCACAGGGGTGAGTACCCCAAGCAAGCGTCCAGTCCAGCCT
 GTGCCACGGAACACAGCTATCCTCTCAGCTGCAGAAGCTGGGAGTGACCCAGACAAGGCCCTTGCAGAG
 ACCAGTAAGTGCCAGAGCAGTGAAGACAGGAGCCGGGAGGCGTCCGCTGGTGGCCTGGATTTGGGAGAA
 TGTGAAAAGAGAGCGGGAGAGATGCTGGGGATGTGGGGGCTGGGAGCTCCCTGAAGGTCACCATCTCTGC
 AGAGTAGCAACAGCCGGGCTTTAACACCACACCCTCACATCTGGACCTCGCCCTGGGGACTCTACCTC
 TGCCACCCCTGCCATTGCCAGCACACCCTCAAGCAAAGCCTCCAGTTCTTCTGTACATCTGCAAGGCC
 AGCAGCAGCAGCCAGCAGGAGTTCAGGATCACATGTGAGAGGCTCAGCACCAACAGCGGCTTGGGGAAA
 TACAACACTCGAGCCAGACCTGCCTGCTGTCCCTGCTGCCATGCCTCGGGACATCCTGGAGAAAGAAGC
 GGAAGATCCTCCGCCAAACGCTGGTGAACACCTGCCAGGTGTACTACGTGGGAGACTTGATCCAGCAC
 CGTAGGACACAGGAGCACAAGGTTGCCAAACAATCCCTGAGGCCCTTCTGCACCATATGCAACCGTTACT
 TCAAGACCCCTCGAAAGTTTGTGGAGCAGTGAAGTCCCAGGGACACAAGGACAAGGCCCAAGAGCTGAA
 GACACTTGAAAAGGAGACAGGCAGCCAGATGAGGACCACTTCATCACTGTGGACGCCGTCGGTTGCTTT
 GAGAGTGGTCAAGAAGAGGACGAGGATGACGACGAGGAAGAAGAAGAAGGAGAGATTGAGGCTGAGG
 AGGAATTTGCAAGCAGGTGAAGCCGAGAGAAACATCCTCAGAGCAAGGGAAGGGCTCTGAGACGTACAA
 CCCCAACACAGCCTATGGTGAGGATTTCTGGTGCAGTATGGGCTATGTCTGTCAAATCTGTCACAAG
 TTCTACGACAGCAACTCAGAATTGCGGCTTTCTCACTGCAAGTCCCTGGCCACTTTGAGAACCTGCAGA
 AATAAAAAGCCAAGAACCAAGCCCTCCTCCTACCCGGCTGTGAGCCGCAAGTGTGCCATCAACGCCCG
 CAACGCCCTGACTGCACTGTTACCTCTAGCCACCAGCCAGCCCAAGGACACAGTAAAAATGCCCAGC
 AAGGTGAAGCCTGGATCCCCGGACTCCCTCCTCCCCTCGGCGCTCAACACGCCCTCAAAACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR231153 representing NM_001252537
 Red=Cloning site Green=Tags(s)

MFNPQLQQQQQLQQQQQLQQQLQQQQQLQQQQQILQLQQLLQQSPPQASLSIPVSRGLPQQSSPQQLLS
 LQGLHSTSLNLPMLQRALLLQQLQGLDQFAMPPATYDGASLTMPATLGNLRAFNVTAAPSLTPP
 QMVTPLNQQFFPQATRQSLGPPPVGVPINPSQLNHSGRNTQKQARTPSSTTPNRKTVPLEDREDPTGS
 EEATELQMDTCEDQDSL VGPDSMLSEPQVPEPEPFETLEPPAKRCRSSEESTEKGPTGQPQARVQPQTQM
 TAPKQTQTPDRLPEPPEVQMLPRIQPQALQIQTPKLLRQAQTQTSPEHLAPQQDQVPTQAQSQEQTSEK
 TQDQPQTWPQGSVPPPEQASGPACATEPQLSSHAAEAGSDPKALPEPVAQSSEDRSREASAGGLDLGE
 CEKRAGEMLMWGAGSSLKVTILQSSNSRAFNTTPLTSGPRPGDSTSATPAIASTPSKQSLQFFCYICKA
 SSSSQEFQDHMSEAQHQQRLGEIQHSSQTCLLSLLPMPRDILEKEAEDPPPKRWCNTCQVVYVGDLIQH
 RRTQEHKQSLRPFCTICNRYFKTPRKVEHVKSQGHKDKAQELKLEKETGSPDEDHFITVDAVGCF
 ESGQEEDDDDEEEEEEGEIEAEFFCKQVKPRETSSEQGKGETYNPNTAYGEDFLVPVMGYVCQICHK
 FYDSNSELRLSHCKSLAHFENLQKYKAKNPSPPTRPVSRKCAINARNALTALFTSSHQSPQDTVKMPS
 KVKPGSPGLPPPLRRSTRLKT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_001252537

ORF Size: 2373 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

- 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_001252537.1](#), [NP_001239466.1](#)

RefSeq Size: 2983 bp

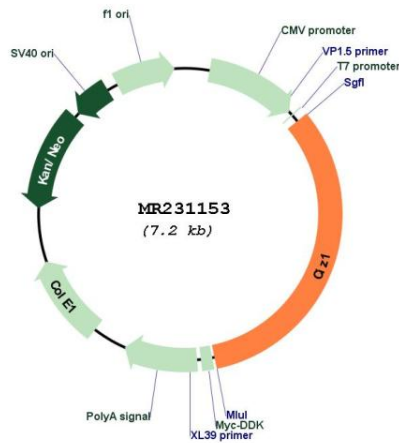
RefSeq ORF: 2376 bp

Locus ID: 68379

Cytogenetics: 2 B

MW: 87.9 kDa

Product images:



Circular map for MR231153