

Product datasheet for **MC228943**

Ciz1 (NM_001252538) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ciz1 (NM_001252538) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ciz1
Synonyms:	0610038H21Rik; 2900056O04Rik; LSFR1; ZNF356
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC228943 representing NM_001252538

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

 ATGTTCAACCCGCAACTCCAGCAGCAGCAACAGTTGCAGCAGCAGCAGCAACAGTTGCAGCAGCAGCTCC
 AGCAGCAGCAGCTCCAGCAGCAGCAACAGCAGATACTGCAGCTCCAACAGCTGCTGCAACAGTCCCCACC
 ACAGGCCCTCCTTGTCCATTCTGTGAGCCGGGGCTCCCCAGCAGTCATCCCCGCAACAGCTTCTGAGT
 CTCCAGGGCCTCCACTCGACCTCCCTGCTCAATGGCCCCATGCTGCAAAGAGCTTTGCTCTACAGCAGT
 TGCAAGGACTGGACCACTTGAATGCCACCAGCCACGTATGACGGTGCCAGCCTCACCATGCCTACGGC
 AACACTGGGTAACTCCGTGCTTTCAATGTGACAGCCCCAAGCCTAGCAGCTCCCAGCCTTACACCACCC
 CAGATGGTCACCCAAATCTGCAGCAGTTCTTTCCCCAGGCTACTCGACAGTCTCTGCTGGGGCCTCCTC
 CTGTTGGGGTCCCAATAAACCTTCTCAGCTCAACCACTCAGGGAGGAACACCCAGAAACAGGCCAGAAC
 CCCCTCTCCACCACCCCAATCGAAGACGGTGCCTCTGGAAGACAGGGAAGACCCACAGAGGGGTCT
 GAGGAAGCCACGGAGCTCCAGATGGACACATGTGAAGACCAAGATTCAGTCTGGTCCAGATAGCATGC
 TGAGTGAGCCCCAAGTGCTGAGCCTGAGCCCTTTGAGACATTGGAACCAACAGCCAAGAGGTGCAGGAG
 CTCAGAGGAGTCCACCGAAGAGGCCCTACAGGGCAGCCACAAGCAAGGGTCCAGCCTCAGACCCAGATG
 ACAGCACCAAGCAGACACAGACCCCGGATCGGCTGCCTGAGCCACCAGAAGTCCAAATGCTGCCGCGTA
 TCCAGCCACAGGCACTGCAGATCCAGACCCAGCCAAAGCTGCTGAGGCAGGCACAGACACAGACCTCTCC
 AGAGCACTTAGCGCCCCAGCAGGATCAGGTACCCACCAAGCACAGTACAGGAGCAGACATCAGAGAAG
 ACCCAGGACCAGCCTCAGACCTGGCCACAGGGGTCACTACCCCAACAGCAAGCGTCAGGTCCAGCCT
 GTGCCACGGAACACAGCTATCCTCTCAGCTGCAGAAGCTGGGAGTGACCCAGACAAGGCCCTTGCCAGA
 ACCAGTAAGTGCCAGAGCAGTGAAGACAGGAGCCGGGAGGCGTCCGCTGGTGGCCTGGATTTGGGAGAA
 TGTGAAAAGAGAGCGGGAGAGATGCTGGGGATGTGGGGGCTGGGAGCTCCCTGAAGGTACCATCTCTGC
 AGAGTAGCAACAGCCGGGCCCTTAAACACACACCCCTCACATCTGGACCTCGCCCTGGGGACTCTACCTC
 TGCCACCCCTGCCATTGCCAGCACACCTCCAAGCAAAGCCTCCAGTTCTTCTGTACATCTGCAAGGCC
 AGCAGCAGCAGCCAGCAGGAGTTCCAGGATCACATGTGAGGGCTCAGCACCAACAGCGGCTTGGGGAAA
 TACAACACTCGAGCCAGACCTGCCTGCTGTCCCTGCTGCCATGCCTCGGGACATCCTGGAGAAAGAAGC
 GGAAGATCCTCCGCCAAACGCTGGTGCAACACCTGCCAGGTGTACTACGTGGGAGACTTGATCCAGCAC
 CGTAGGACACAGGAGCACAAGGTTGCCAAACAATCCCTGAGGCCCTTCTGCACCATATGCAACCGTTACT
 TCAAGACCCCTCGAAAGTTTGTGGAGCACGTGAAGTCCCAGGGACACAAGGACAAGGCCCAAGAGCTGAA
 GACACTTGAAAAGGAGACAGGCAGCCAGATGAGGACCACTTCATCACTGTGGACGCCGTGCGTTGCTTT
 GAGAGTGGTCAAGAAGAGGACGAGGATGACGACGAGGAAGAAGAAGAAGGAGAGATTGAGGCTGAGG
 AGGAATTCTGCAAGCAGGTGAAGCCGAGAGAAACATCCTCAGAGCAAGGGAAGGGCTCTGAGACGTACAA
 CCCAACACAGCCTATGGTGAGGATTTCTGGTGCCAGTGATGGGCTATGTCTGTCAAATCTGTCACAAG
 TTCTACGACAGCAACTCAGAATTGCGGCTTTCTCACTGCAAGTCCCTGGCCCACTTTGAGAACCTGCAGA
 AATACAAAGCCAAGAACCAAGCCCTCCTCCTACCCGGCTGTGAGCCGCAAGTGTGCCATCAACGCCCG
 CAACGCCCTGACTGCACTGTTACCTCTAGCCACCAGCCAGCCCCAGGACACAGTGAAAATGCCCAGC
 AAGGTGAAGCCTGGATCCCCCGGACTCCCTCCTCCCCTCGGCGCTCAACACGCCTCAAAACC**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001252538

Insert Size:

2376 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001252538.1, NP_001239467.1</u>
RefSeq Size:	2673 bp
RefSeq ORF:	2376 bp
Locus ID:	68379
Cytogenetics:	2 B