

## Product datasheet for **MC228942**

### **Ciz1 (NM\_001252537) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ciz1 (NM_001252537) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ciz1
Synonyms:	0610038H21Rik; 2900056O04Rik; LSFR1; ZNF356
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228942 representing NM\_001252537  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTCAACCCGCAACTCCAGCAGCAGCAACAGTTGACAGCAGCAGCAACAGTTGACAGCAGCAGCTCC  
 AGCAGCAGCAGCTCCAGCAGCAGCAACAGCAGATACTGCAGCTCCAACAGCTGCTGCAACAGTCCCCACC  
 ACAGGCCCTCCTTGTCCATTCTGTGACAGCGGGCCTCCCCAGCAGTCATCCCCGCAACAGCTTCTGAGT  
 CTCAGGGCCTCCACTCGACCTCCCTGCTCAATGGCCCCATGCTGCAAAGAGCTTTGCTCTACAGCAGT  
 TGCAAGGACTGGACCAGTTTGAATGCCACCAGCCACGTATGACGGTGCCAGCCTCACCATGCCTACGGC  
 AACACTGGGTAACCTCCGTGCTTCAATGTGACAGCCCCAAGCCTAGCAGCTCCCAGCCTTACACCACCC  
 CAGATGGTCACCCCAAATCTGCAGCAGTCTTTCCCCAGGCTACTCGACAGTCTCTGCTGGGGCCTCCTC  
 CTGTTGGGGTCCCAATAAACCTTCTCAGCTCAACCCTCAGGGAGGAACACCCAGAAACAGGCCAGAAC  
 CCCCTCTCCACCACCCCAATCGAAGACGGTGCCTCTGGAAGACAGGGAAGACCCACAGAGGGGTCT  
 GAGGAAGCCACGGAGCTCCAGATGGACACATGTGAAGACCAAGATTCAGTCTGCTCCAGATAGCATGC  
 TGAGTGAGCCCCAAGTGCTGAGCCTGAGCCTTTGAGACATTGGAACACCAGCCAAGAGGTGCAGGAG  
 CTCAGAGGAGTCCACCGAAAAGGCCCTACAGGGCAGCCACAAGCAAGGGTCCAGCCTCAGACCCAGATG  
 ACAGCACCAAAGCAGACACAGACCCCGGATCGGCTGCCTGAGCCACCAGAAGTCCAAATGCTGCCCGGTA  
 TCCAGCCACAGGCACTGCAGATCCAGACCCAGCCAAAGCTGCTGAGGCAGGCACAGACACAGACCTCTCC  
 AGAGCACTTAGCGCCCCAGCAGGATCAGGTACCCACCAAGCACAGTACAGGAGCAGACATCAGAGAAG  
 ACCCAGGACCAGCCTCAGACCTGGCCACAGGGGTGAGTACCCACCAGAAACAAGCGTCAGTCCAGCCT  
 GTGCCACGGAACACAGCTATCCTCTCACGCTGCAGAAGCTGGGAGTGACCCAGACAAGGCCTTGGCAGA  
 ACCAGTAAGTGCCAGAGCAGTGAAGACAGGAGCCGGGAGGCGTCCGCTGGTGGCCTGGATTTGGGAGAA  
 TGTGAAAAGAGAGCGGGAGAGATGCTGGGGATGTGGGGGCTGGGAGCTCCCTGAAGGTCACCATCTCTGC  
 AGAGTAGCAACAGCCGGGCTTTAACACCACACCCTCACATCTGGACCTCGCCCTGGGGACTCTACCTC  
 TGCCACCCCTGCCATTGCCAGCACACCCTCAAGCAAAGCCTCCAGTTCTTCTGTACATCTGCAAGGCC  
 AGCAGCAGCAGCCAGCAGGAGTTCAGGATCACATGTGAGGGCTCAGCACCAACAGCGGCTTGGGGAAA  
 TACAACACTCGAGCCAGACCTGCCTGCTGTCCCTGCTGCCATGCCTCGGGACATCCTGGAGAAAGAAGC  
 GGAAGATCCTCCGCCAAACGCTGGTGCAACACCTGCCAGGTGTACTACGTGGGAGACTTGATCCAGCAC  
 CGTAGGACACAGGAGCACAAGGTTGCCAAACAATCCCTGAGGCCCTTCTGCACCATATGCAACCGTTACT  
 TCAAGACCCCTCGAAAGTTTGTGGAGCAGTGAAGTCCCAGGGACACAAGGACAAGGCCCAAGAGCTGAA  
 GACACTTGAAAAGGAGACAGGCAGCCAGATGAGGACCACTTCATCACTGTGGACGCCGTCGGTTGCTTT  
 GAGAGTGGTCAAGAAGAGGACGAGGATGACGACGAGGAAGAAGAAGAAGGAGAGATTGAGGCTGAGG  
 AGGAATTTGCAAGCAGGTGAAGCCGAGAGAAACATCCTCAGAGCAAGGGAAGGGCTCTGAGACGTACAA  
 CCCAACACAGCCTATGGTGAGGATTTCTGGTGCCAGTATGGGCTATGTCTGTCAAATCTGTCACAAG  
 TTCTACGACAGCAACTCAGAATTGCGGCTTTCTCACTGCAAGTCCCTGGCCACTTTGAGAACCTGCAGA  
 AATACAAAGCCAAGAACCAAGCCCTCCTCCTACCCGGCTGTGAGCCGCAAGTGTGCCATCAACGCCCG  
 CAACGCCCTGACTGCACTGTTACCTCTAGCCACCAGCCAGCCCCAGGACACAGTAAAAATGCCAGC  
 AAGGTGAAGCCTGGATCCCCGGACTCCCTCCTCCCCTTCGGCGCTCAACACGCCCTCAAAAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001252537  
**Insert Size:** 2376 bp

<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001252537.1, NP_001239466.1</u>
<b>RefSeq Size:</b>	2983 bp
<b>RefSeq ORF:</b>	2376 bp
<b>Locus ID:</b>	68379
<b>Cytogenetics:</b>	2 B