

Product datasheet for **RN200667**

Ciz1 (NM_001106568) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ciz1 (NM_001106568) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ciz1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN200667 representing NM_001106568
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTAAACCAGCAACTCCAGCAGCAGCAACAGTTGCAGCAGCTCCAGCAACAGCAGCTCCAGCAGCAGC
 AACAGCAGATACTCCAGCTCCAACAGCTACTGCAGCAGTCCCACCACAGGCCTCCTTGCCATGCCTGT
 CAGCCGGGGCTCCCCAGCAGTCATCCCCGCAACAGTTCTGAATCTCCAGGGCTCAACTCGACCTCC
 CTGCTCAATGGCTCCATGCTGCAAAGAGCTTTGCTCCTACAGCAGTTGCAAGGACTGGACCAGTTTGCAA
 TGCCACCAGCCACGTATGACAGTGCCAGCCTCACCATGCCTACGGCAGCCTTGGGCAACCTCCGTGCTTA
 CAATGTGACAGCCCCAACCTAGCAGCTCCTAGCCTTACACCACCCAGATGGTCACCCCAATCTGCAG
 CAGTTCTTTCCAGGCTACTCGACAGTCCCTGCTGGGGCTCCTCTGTGGGATCCCAATAAACCCCTT
 CTCAGCATAACCACTCAGGGAGGAATCCCAGAAGCAGCCAGAACCCCTTCCACCACCCCAATCA
 CAAGGATTCTTTCTCAGACGGTGCCTCTGGACGACAGGAAGACCCACAGAGGGGTCTGAGGAAGCC
 ACAGAGCTCCAGATGGACACAGCTGAAGACCAAGATTCCTAGTCTTCCAGATGGCCTTGGCAGTGAGC
 CCCAAGTGCATGAGCCTGAGCCTTGGAGCCTTGGAGCCTTGGAAACCAGCCAAAGAGTTGAGGAGCTC
 AGAGGAGTCCACCAGAAAGGCCCTACAGGGCAGCCACAAGCAAGGGTCCAGCCTCAGACCAGATGACA
 GCACCAAGCAGACACAGACCCAGATCAGCTGCCTGAGCCACCGAAGCCCTGGTGGTCCCGCAATCC
 AGCCACAGTTCTGCAGATCCAGACTCTGTCAAAGCTGCAGAAGCAGGCACAGACACAGACTTCTCCAGA
 GCATTTAGCGCCCCAGCAGAATCAGGTACAGCCACAGGTACGGTACAGCCCCAGTGGCAGTTGCAGCCA
 TGGGAGACAGACCCACCAAGCAAGCTCAGGCACAGACCCAGCCTCAGCCCTCTGGCAGGGCAGTCGC
 ACAAGCAGGCCACAGACACAGACACACATCCACAGTATCCACCCAAGCAGCCACAGGAGCAGCAGC
 ATCAGAGAAGACCCAGGACCCAGCCTCAGACCTGGCCACAGGGGTGGCCACCCACCAGAACAAGCATCA
 GTTCCGGCCTGTGCCACGGAACACAGCTATTATCTAACGCTGCAGAAGTTGGGAGAGCCAGAGGAGA
 CCTTGCCAGAACCAGTAAGTGCCAGAGCAGTGAAGACAGGAGCCAAGAGCCGTGAGTGGTGGCCTGGA
 TGTGGGAGAATGTGAAAAGAGAGCAGGAGAAGTGTGGGGATGTGGGGGCTGGGAGCTCCCTGAAGGTC
 ACCATCTGCAGAGTAGCAACAGCCGGCTTTCAACACCACCCCTCACATCTGGACCTCGCCCTGGGG
 ACTCCGCCTCTGCCACCCTGCCCTTGCCAGCACACCCTCCAAGCAAAGCCTCCAGTTCTCTGCTACAT
 CTGCAAGGCCAGCTGCAGCAGCCAGCAGGAGTTTCAGGATCACATGTGAGAGGCTCAGCACAACAGCGG
 CTTGGGGAATGCAGCACTCGAGCCAGACCTGCCTGTTGTCCCTGCTGCCATGCCTCGGGACATCCTGG
 AGAGAGAAACAGAAGATCCTCCACCCAAACGCTGGTGCAACACCTGCCAGGTGTACTACATGGGAGACCT
 GATCCAGCACCGCAGGACACAGGAGCACAAGGTTGCCAAGCAGTCCCTGAGGCCCTTCTGCACCATATGC
 AACCGTTATTTCAAGACCCCTCGAAAGTTTGTGGAGCATGTGAAGTCCCAGGGACACAAGGACAAGGCC
 AGGAGCTGAAGACACTTGAAAAAGAGACAGGCAGCCAGATGAGGACCATTATCACCGTGGACGCCGT
 TGGTTGCTTTGAGAGTGGTCAAGAAGAGGACGAGGATGATGATGAAGAAGAGGAAGAAGAGATTGAGGCG
 GAGGAGGAATTCTGCAAGCAGCTGCAGTCAAGAGAAACATCTTCAGAGCAATGGAAGGACTCTGAGACTT
 ACAGCCCCAACACGGCCTATGGTGTGACTTCTGGTGGCAGTGTGGGCTATGTCTGCCAATCTGTCA
 CAAGTTCTACGACAGTAACCTCAGAATTTCCGGCTCTCTCACTGCAAGTCTCTGGCCACTTTGAGAACCTG
 CAGAAATACAAAGCCAAGAACCCAGCCCTCCTACCCGGCTGTGAGCCGCAAGTGTGCGATCAACGCC
 GCAACGCCCTGACTGCACTGTTACCTCTAGCAGTGGTAGCAGCCGCCAGCCAGCCCCAGGACTGT
 GAAGATACCCAGCAAGTGCCTCGATGA

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106568
Insert Size: 2478 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).
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:	<ol style="list-style-type: none">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:	<u>NM_001106568.1</u> , <u>NP_001100038.1</u>
RefSeq Size:	3302 bp
RefSeq ORF:	2478 bp
Locus ID:	296639
Cytogenetics:	3p12