

## Product datasheet for **SC100327**

### **MGC41917 (NM\_153231) Human Untagged Clone**

#### **Product data:**

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids   |
| Product Name:             | MGC41917 (NM_153231) Human Untagged Clone   |
| Tag:                      | Tag Free  |
| Symbol:                   | MGC41917  |
| Synonyms:                 | MGC41917  |
| Mammalian Cell Selection: | None  |
| Vector:                   | <u>pCMV6-XL5</u>  |
| E. coli Selection:        | Ampicillin (100 ug/mL)  |
| Fully Sequenced ORF:      | >NCBI ORF sequence for NM_153231, the custom clone sequence may differ by one or more nucleotides |

```
ATGTTGGTGACCTTCAAGGATGTGGCTGTGACCTTTACCCGGGAGGAGTGGAGACAGCTGGACCTGGCCC
AGAGGACCCTGTACCGAGAGGTGATGCTGGAGACCTGTGGCTTCTGGTTTCACTAGGGCATCGGGTTCC
CAAACCAGAGTTGGTCCACCTGCTAGAGCATGGGCAGGAGCTGTGGATAGTGAAGAGAGGCCTCTCACAT
GCTACCTGTGCAGGTGACAGAGCACAAGTTCATACCAGAGAGCCAACCACTTACCCGCCAGTCTTATCTG
AGCGGGCCTTTCTCCGGGAAGCCTGACTCTGGAATCTTCAACCTCAAGTATTGAGGTTGGGGAGAGC
TAGGGATGAGGAAGGGCTTTTGGAAATGCAGAAAGGTAAGTACACCGGAGACAGACCTCCACAAGGAG
ACCCATCTTGGGAAAGTGAGCCTTGAAGGTGAAGTTTGGGGACAGATGATGGTCTGCACTCCAGGGCAT
TACAAGAGTGGTTATCAGCAGATGTTCTCCATGAATGTGACTCACAGCAACCAGGAAAGACGCCTTGAT
TCATGCAGGGACAAACCCCTACAATGCAAGCAGTGTGGGAAAGTTTTAACAGGAAGTGGTATCTCGTT
CGACATCAGAGGGTTCACACTGGAATGAAACCCATGAATGCAATGCATGTGGGAAAGCCTTTAGCCAGA
GCTCAACTCTCATTCCGCACTACCTCATCCACACCGGGGAGAAACCATAACAAGTGCCTTGAGTGTGGGAA
GGCCTTCAAACGCAGGTCGTACCTCATGCAGCACCATCCAATCCACACTGGAGAGAAACCCATGAGTGT
AGTCAATGTCGAAAGGCCTTCAACCCAGGCTACTTTTATTGCGCATAATAGGACCCACACTGGAGAAA
AGCCCTTTGAGTGCAAAGAATGTGAGAAAGCCTTTAGCAATAGAGCCACCTAATTCAACATTACATCAT
CCACACTGGAGAGAAGCCCTATGATTGCATGGCATGTGGAAAGGCCTTCAGATGCAGCTCAGAACTCATA
CAGCACCAGCGGATTCACACTGGGAGAAAGCCCTATGAATGCACCCAGTGTGGGAAAGCCTTTCACCGGA
GCACGTACCTCATTGAGCACTCTGTCATCCACACTGGGGAGATGCCCTACAAGTGTATCGAGTGTGGGAA
GGCCTTCAAACGCAGGTCACACCTTCTGCAGCACCAGGTTCCATACATGA
```



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_153231 unedited  
 NGGGGTTTANCATTTGTNATACGACTCACTATAGGCGGCCGNAATTCGCACGAGGGNA  
 AGATGGTAGGGCGACTGGGGCTCACCTCCGCACCGTTGTAGGACCCGGGTAGGGTTTTG  
 AGCCCGTGGGAGCTGCCCCACGGCCCTCGTCTGCCAACGGTCGGATGGCGGAGACGAA  
 GGACGCAGCGCAGATGTTGGTGACCTTCAAGGATGTGGCTGTGACCTTTACCCGGGAGGA  
 TGGGAGACAGCTGGACCTGGCCCAGAGACCCTGTACCGAGAGGTGATGCTGGAGACCTG  
 TGGGCTTCTGGTTTCACTAGGGCATCGGGTTCCCAAACAGAGTTGGTCCACCTGCTAGA  
 GCATGGGCAGGAGCTGTGGATAGTGAAGAGAGGCCCTCTACATGCTACCTGTGCAGGTGA  
 CAGAGCACAAGTTCATACCAGAGAGCCAACCACTTACCCGCCAGTCTTATCTGAGCGGGC  
 CTTTCTCCGGGAAGCCTGACTCTGGAATCTTCAACCTCAAGTATTCGAGGTTGGGGAG  
 AGCTAGGGATGAGGAAGGGCTTTTGGAAATGCAGAAAGGTAAAGTGACACCGGAGACAGA  
 CCTCCACAAGGAGACCCATCTTGGGAAAGTGAGCCTTGAAGGTGAAGTTTGGGGACAGA  
 TGATGGTCTGCACTCCAGGGCATTACAAGAGTGGTTATCAGCAGATGTTCTCCATGAATG  
 TGACTIONCACAGCAACCAGGAAAGACGCCTTGATTATGCAGGNACCAACCCCTANCAATG  
 CAGCAGTGTGGGAAAGGGTNTACAGGAAGTGGTATCTCGTTCGACATCAGAGGGTTCACA  
 CTGGNNATGAACCNATGNNATGCATGCATGTGGNAAANGNCCTTAGCCAGAGCTCAACT  
 CTCATTTCCGACTACCT

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_153231 unedited  
 NNCGGTCTGCTATGNAACCGCGCCGCATNCTANGATCGAGTTTTTTTTTTTTTTTTTTTT  
 AAAAGCATAGTGCTTTTTATCTAATTTGTTTCAATTAATGTAACAAAGTTACAAAAACATG  
 AACATGAAAACGTTTTACCTCTGCCGGGCACGGTGGCTCACGCCGTGAATCGCAGCACTT  
 TGGGAGGCAGAGGCGGGTGGACTACATGAGGTCAAGAGTTCAAGACCAGCCTGGCCAACA  
 TGGTGAACCCCGTCTCTACTAAAAATACAAAAAACTAGCCGGGCATGTTGGTGGGCGC  
 CTGTAATCCCAGCTACTCGGGAGGCTGAGGCAGGAGAATCCCTTGAACCTCGGGAGGCAGA  
 AGTTGCAGTGAGCTGAAATGGCGCCACTGCACTCCAGCCTGGGCAACAAGAGTAAAACCTC  
 TGTCTCAAAAAACAAAAACAAAAACATGTTTTACCTCAATCATAAACTGTGGAAAACATAC  
 CGAAGTTCACAACCTTTTACTGTAAGTTCAAAACCTTACTGACTTAAAAACGGGTGCTAA  
 ACAAGTTAAGTCAATATATTGCACCTGGTCTCATGTGTTTTTCCATATTTAAACAGTAA  
 GTTCCTTCCCTGCTCAAGGGCAGGACCCATAGCCAGCCCTCCACTGCATCCCCTCTTT  
 CTAGTATGAACACCACAGTGAGTGGCCATGGGAGCTAAATGACAGGTGTCTCATGAGAGT  
 TCTTGCCATACACAGCAGCAAGTTCATAGTAGATCCTGTACCAACAGTNGATGAAAA  
 CTGTTTGGAAAGAGCTGGGAACTAAGAAAACCTCAGGTGTCTTTATCCCATGGAAACAC  
 TCCTGCTTTGGGACAACTGGGGCTAGGTCTCAGGCCTGGGAAGACCCTTTGATGACA  
 GCCATATGTTTT

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_153231

**Insert Size:**

3000 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:**

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\\_153231.2](#), [NP\\_694963.2](#)

**RefSeq Size:** 4349 bp

**RefSeq ORF:** 1242 bp

**Locus ID:** 162972

**Cytogenetics:** 19q13.43

**Domains:** KRAB, zf-C2H2

**Protein Families:** Transcription Factors

**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]