

## Product datasheet for **SC200481**

### ROMO1 (NM\_080748) Human 3' UTR Clone

#### Product data:

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| <b>Product Type:</b>             | 3' UTR Clones                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Symbol:</b>                   | ROMO1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Synonyms:</b>                 | bA353C18.2; C20orf52; MTGM; MTGMP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Mammalian Cell Selection:</b> | Neomycin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Vector:</b>                   | pMirTarget (PSI00062)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ACCN:</b>                     | NM_080748                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Insert Size:</b>              | 104 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Insert Sequence:</b>          | <p>&gt;SC200481 3'UTR clone of NM_080748<br/>The sequence shown below is from the reference sequence of NM_080748. The complete sequence of this clone may contain minor differences, such as SNPs.<br/><b>Blue</b>=Stop Codon <b>Red</b>=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC ATGGCCATTGGGATGGGCATCCGATGCTAACCATGGTTGCCAACTACATCTGTCCCTTCCCATCAATCC CAGCCCATGTACTAATAAAAGAAAGTCTTTGAGTA ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG </pre> |
| <b>Restriction Sites:</b>        | SgfI-MluI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>OTI Disclaimer:</b>           | Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).                                                                                                                                                                                                                                                                                                            |
| <b>Components:</b>               | The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Note:</b>                     | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |



**RefSeq:** NM\_080748.3

**Summary:** The protein encoded by this gene is a mitochondrial membrane protein that is responsible for increasing the level of reactive oxygen species (ROS) in cells. The protein also has antimicrobial activity against a variety of bacteria by inducing bacterial membrane breakage. [provided by RefSeq, Nov 2014]

**Locus ID:** 140823

**MW:** 3.9