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# Product datasheet for SC203170

## TRPM3 (NM_206948) Human 3' UTR Clone

### Product data:

| | |
|---|---|
| **Product Type:** | 3' UTR Clones |
| **Product Name:** | TRPM3 (NM_206948) Human 3' UTR Clone |
| **Vector:** | pMirTarget (PS100062) |
| **Symbol:** | TRPM3 |
| **Synonyms:** | GON-2; LTRPC3; MLSN2 |
| **ACCN:** | NM_206948 |
| **Insert Size:** | 271 bp |
| **Insert Sequence:** | >SC203170 3'UTR clone of NM_206948<br>The sequence shown below is from the reference sequence of NM_206948. The complete sequence of this clone may contain minor differences, such as SNPs.<br>Blue=Stop Codon Red=Cloning site<br><br>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG<br>TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC<br>GGGCATAAATACTCAGAAGAAGGCGGGTAGGTAACTTTCCAGGCCCCATGGAAGAACCCTAAAGCCTGT<br>TTGGAAACGAGGGTATGAGTGGATTATGTTTTCAGTAGCTCAACCAAGACCTCAAATCAAAACAAGCTA<br>TGAACAAATTGTCTAAAAAATGTCTGTCATGGGAGGGCTGTGGTGAAGAACAGAGAAACATATTCTAAA<br>TGTCCTGTGAAGTGGGAAATTCTATGAAAGCTACACGGATAATAAAAAGGGTGAGGAAAAGAGA<br>ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA<br>CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG |
| **Restriction Sites:** | SgfI-MluI |
| **OTI Disclaimer:** | 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). |
| **Components:** | 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. |
| **RefSeq:** | NM_206948.4 |

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**Summary:** The product of this gene belongs to the family of transient receptor potential (TRP) channels. TRP channels are cation-selective channels important for cellular calcium signaling and homeostasis. The protein encoded by this gene mediates calcium entry, and this entry is potentiated by calcium store depletion. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

**Locus ID:** 80036

**MW:** 10.2