

## Product datasheet for **SC211103**

### TRPM3 (NM\_206946) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	TRPM3 (NM_206946) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TRPM3
Synonyms:	GON-2; LTRPC3; MLSN2
ACCN:	NM_206946
Insert Size:	2000 bp



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**Insert Sequence:** >SC211103 3'UTR clone of NM\_206946  
The sequence shown below is from the reference sequence of NM\_206946. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTCCAAAAGCTTTGAAAGCAAGCACAACTAACCTTCTTAATATCCGCCACAGAAGGCTCAAGAATCCAG
CCCTAAAATTCTCTCAACTCCAGTTTTTCCCCTTCTTGAATCATACCTGCTTTATTCTTAGCTGAG
CAAAACAAGCAATGCTTTGGGAGGTGTTAACTCAAAGGTGACTTCTGGGCCACAGATCAAGAAAAGCATT
TGATCTGACCCAGTGCCAGACACAGGGGATTTAAGGCATGTTCACTTCTGGGCAGGGAGGGGGAAG
AGAGGGAGAAGGAAGGGTTAGAGATGAATGTGTATCCGCGAGTCACAGCAGAAAGCCATGAGAGCAGGGG
AAACAAGGGGCTTCGAGCAGCTCCATGCCAGGAGGCATCTGTTGATTTCTGACCATTATCAAGAGTTG
TAGGATGCAGGGCTAAATGCAAAAATAAATAAATAGCCAGCGTACACAATGAGATATTCTAAACTTC
CATTCTGTTTTCTTTTCACATTGGCTCCATCACTGGTGACTGATGAAGAGCATCCTCTTTATTTCAGTAT
AAGCCGGCAGCAAGCAGTTCTACCTAACGTCACCATCCTTCTCATGCCAACACTTCTGTAAATTGATCA
TTATAAAGAAAAACAAGGTAACAGTCATAGTTCACTGTCTCTTATCTATTCACTTCTGGTGCCACAA
CTGTTTATCCTTTTTGAAAGAAAATAAGGGAACAGAAATGCCTTTTTGTATTGCAATCGAAATGAAAGA
AGAGTTGATGTTAAAAAACAAGTCAAGTGATTTATATACAGTGGGCGTTCAAGTCTAGTCGAG
CAAGCTCAGGAGAATGTAATTAATAATTTTATATTTTTTAATTTATTTTGTATCTCACCTGTGATGGA
TGAATTCATCTACTGAATATGTAATATTGAACTTAAAAAAAAAAAAAAAAACAGTGGACAGAAGTAG
CCTGAAATGGCCATGTGGGATGTTCTGTCTCACCGTTCATGTCGTGTGTTGTGCTGTGTGACCGT
CATCATTTGCATGGCTCCACCACGTCCTCCTGAACACCTCCAAGACGTAAGTCCCAATTTTTACACCA
CTCATCATGACCATTTTGTATATGAATATATGTTTATATGTGGATATTTTCATACCTAGAGTTTTGC
CATCTAATCTGAGCTCAGCATAAATTTAATTGGAGTTTTTCAAGGGCTGGTATCTTTTCTATGGAATG
TTCCAAAGTACTTTTTAAGGAAGTTTCAAACTATAAATAACCTTAGATTTGACTGGGAGTTTGGTATC
AACCCAAAGCCATCAGTTGCAAGCATACCATGAATATTTTTCTTATAGACAGAGCTATAAAAAAGATA
CAGTAGACCAAAATAGAAAGCAATAAACCATATAAAGAGTTCTATAGTATATGCCACTTATACACATG
TATATGCATTTATGCAGAGACACATATTTATATAAAAAAATGACATAAAGAGCTTTCTTAAGAGG
CTTGGACTTTTCTATCACCTTGAAGTATAATCAAGATTTTTTTTTAATATAACAAGAAGTCCATTGAAAG
AGTTCATTATACTATTAGACCAATGTTGAAATTATGAATTTTTTAAATTCCTATGACTTTTCTCATA
TCAAACCTAGAGTTGTCAAATGACTCACTGCTCGCCTTCTGCCCTTTTTGTCTGAAATCACTCACTAT
CAGGACATCTCATTTAGTCTCGCTTTTCTAAACAAAGTTTTTACACCACGTACAATCTGAATAGACAC
GCAACTTTAAACCAGCTAGTGTTACAGACTCTAAAGTAGAGGCATAATCTTCTAGATCAGAACTGGAT
TGGAAAGTGGGATAAAGAAATCTTGACCCAAATCTTTGGATTCTATTTGGCTCATTAAAGTTAAAAA
AGAATAAAGCCTTTAAGGAAAACAATCTATTGTTCTGGCCTGAGATACTACCTGGTTCTTTTGTGTTA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
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**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\\_206946.5](#)

**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:** 78.7