

## Product datasheet for **SC211105**

### TRPM3 (NM\_001007471) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	TRPM3 (NM_001007471) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TRPM3
Synonyms:	GON-2; LTRPC3; MLSN2
ACCN:	NM_001007471
Insert Size:	2000 bp



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**Insert Sequence:** >SC211105 3'UTR clone of NM\_001007471  
 The sequence shown below is from the reference sequence of NM\_001007471. 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
CCCTAAAATTCTCTCAACTCCAGTTTTTCCCCTTTCCTTGAATCATACCTGCTTTATTCTTAGCTGAG
CAAAACAAGCAATGCTTTGGGAGGTGTTAACTCAAAGGTGACTTCTGGGCCACAGATCAAGAAAAGCATT
TGATCTGACCCAGTGCCAGACACAGGGGATTTAAGGCATGTTCACTTCTGGGCGAGGGAGGGGAAAG
AGAGGGAGAAGGAAGGGTTAGAGATGAATGTGTATCCGCGAGTACAGCAGAAAGCCATGAGAGCAGGGG
AAACAAGGGGCTTCGAGCAGCTCCATGCCAGGAGGCATCTGTTGATTTCTGACCATTATCAAGAGTTG
TAGGATGCAGGGCTAAATTGCAAAAATAAATAAATAGCCAGCGTACACAATGAGATATTCTAAACTTC
CATTCTGTTTTCTTTTACATTGGCTCCATCACTGGTGACTGATGAAGAGCATCCTCTTTATTTCAGTAT
AAGCCGGCAGCAAGCAGTTCTACCTAACGTCACCATCCTTCTCATGCCAACACTTCTGTAAATTGATCA
TTATAAGAAAAACAAGGTAACAGTCATAGTTCACTGTCTCTTATCTATTCACTTCTGGTGCCACAA
CTGTTTATCCTTTTTTGAAGAAAATAAGGGAACAGAAATGCCTTTTTTGTATTGCAATCGAAATGAAAGA
AGAGTTGATGTTAAAAAACAAGTCAAGTGATTTATATACAGTGGGCGTTCAAGTCTAGTCGAG
CAAGCTCAGGAGAATGTAATTAATAATTTTATATTTTTTAATTTATTTTGTATCTCACCTGTGATGGA
TGAATTCATCTACTGAATATGTAATATTGAACTTAAAAAAAAAAAAAAAAACAGTGGACAGAAGTAG
CCTGAAATTGCCATGTGGGATGTTCTGTCTCACCGTTCATGTCGTGTGTGTGTGCTGTGTGACCGT
CATCATTTGCATGGCTCCACCACGTCCTCCTGAACACCTCCAAGACGTAAGTCCCAATTTTTTACACCA
CTCATCATGACCATTTTGTATATGAATATATGTTTATATGTGGATATTTTCATACCTAGAGTTTTGC
CATCTAATCTGAGCTCAGCATAAATTTAATTGGAGTTTTTCAAGGGCTGGTATCTTTTCTATGGAATG
TTCCAAAGTACTTTTTAAGGAAGTTTCAAACTATAAATAACCTTAGATTTGACTGGGAGTTTGGTATC
AACCCAAAGCCATCAGTTGCAAGCATACCATGAATATTTTTTCTTATAGACAGAGCTATAAAAAAGATA
CAGTAGACCAAAATAGAAAGCAATAAACCATATAAAGAGTTCTATAGTATATGCCACTTATACACATG
TATATGCATTTATGCAGAGACACATATTTATATATAAATAAATGGACATAAAGAGCTTTCTTAAGAGG
CTTGGACTTTTCTATCACCTTGAAGTATAATCAAGATTTTTTTTTAATATAACAAGAAGTCCATTGAAAG
AGTTCATTATACTATTAGACCAATGTTGAAATTATGAATTTTTTAAATTCCTATGACTTTTCTCATA
TCAAATAGAGTTGTCAAATGACTCACTGCTCGCCTTCTGCCCTTTTTTGTCTGAAATCACTCACTAT
CAGGACATCTCATTTAGTCTCGCTTTTCTAAACAAAGTTTTTACACCACGTACAATCTGAATAGACAC
GCAACTTTAAACCAGCTAGTGTTACAGACTCTAAAGTAGAGGCATAATCTTCTAGATCAGAACTGGAT
TGGAAAGTGGGATAAAGAAATCTTGACCCAAATCTTTGGATTCTATTTGGCTCATTAAACGTTAAAAA
AGAATAAAGCCTTTAAGGAAAACAATCTATTGTTCTGGCCTGAGATACTACCTGGTTCTTTTGTTA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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\\_001007471.4](#)

**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