

Product datasheet for **SC205905**

TRPM5 (NM_014555) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: TRPM5 (NM_014555) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: TRPM5
Synonyms: LTRPC5; MTR1
ACCN: NM_014555
Insert Size: 452 bp
Insert Sequence: >SC205905 3'UTR clone of NM_014555
The sequence shown below is from the reference sequence of NM_014555. 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
GGGGCTGGCCAGCCTCCCTCGGACACCTGAGCTGCTTGGCCTGCCACGTGTGGGGCCACCTCTCCTCAG
CTGGCCACCCTGCACGTTGTGCACTGACCTTTGCCGACCTCCAGCGGAACCCCCAGGGGGCACCAGCC
CCCCAGCAGACAATGGCCCTCCTGGTGCCTCACCACAGACCCTCACCCAAAGGAACCGCTCCTTGTCCC
TCCTGGCCTCCCCGGAGGCACAGCAGTGTGATGGGGCTGTCTCCCTGACAGGCACAACCTCCCCGGGCA
GAAAACGTGCCCCACCGCATCCCTACCTGGAACTGACCAGCCTGCACTGTGAAAAGCTGGCCCTGTG
GCGTGACGGGGAGCACCCCATCCAGACTGCGAAGCTGCTCTGGGGTCTGCACCACCCCTGCCCTGA
CTTGTGTTGCCTGACAAGAGACTCATCTTTTTTAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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_014555.4](#)



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Summary: This gene encodes a member of the transient receptor potential (TRP) protein family, which is a diverse group of proteins with structural features typical of ion channels. This protein plays an important role in taste transduction, and has characteristics of a calcium-activated, non-selective cation channel that carries Na⁺, K⁺, and Cs⁺ ions equally well, but not Ca(2⁺) ions. It is activated by lower concentrations of intracellular Ca(2⁺), and inhibited by higher concentrations. It is also a highly temperature-sensitive, heat activated channel showing a steep increase of inward currents at temperatures between 15 and 35 degrees Celsius. This gene is located within the Beckwith-Wiedemann syndrome critical region-1 on chromosome 11p15.5, and has been shown to be imprinted, with exclusive expression from the paternal allele. [provided by RefSeq, Oct 2010]

Locus ID: 29850

MW: 15.7