

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
Symbol:	TRPM5
Synonyms:	LTRPC5; MTR1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_014555
Insert Size:	452 bp
Insert Sequence:	<p>>SC205905 3'UTR clone of NM_014555</p> <p>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.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GGGGCTGGCCAGCCTCCCTCGGACACCTAGCTGCTTGGCCTGCCACGTGTGGGGCCACCTCTCCTCAG
CTGGCCACCCTGCACGTTGTGCACTGACCTTTGCCGACCTCCAGCGGAACCCCCAGGGGGCACCAGCC
CCCCAGCAGACAATGGCCCTCCTGGTGCCTCACCACAGACCCTCACCCAAAGGAACCGCTCCTTGTCCT
TCCTGGCCTCCCCGGAGGCACAGCAGTGTGATGGGGCTGTCTCCCTGACAGGCACAACCTCCCCGGGCA
GAAAACGTGCCCCACCGCATCCCTACCTGGAACTGACCAGCCTGCACTGTGAAAAGCTGGCCCTGTG
GCGTGACGGGGGAGCACCCCATCCAGACTGCGAAGCTGTCTGGGGTCTGCACCCACCCCTGCCCTGA
CTTGTTGCTGACAAGAGACTCATCTTTTTTGAAG
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites:	Sgfl-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.


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RefSeq: NM_014555.4

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