

## Product datasheet for **SC217333**

### TRPC5 (NM\_012471) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	TRPC5 (NM_012471) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TRPC5
Synonyms:	PPP1R159; TRP5
ACCN:	NM_012471
Insert Size:	2000 bp



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**Insert Sequence:** >SC217333 3'UTR clone of NM\_012471  
 The sequence shown below is from the reference sequence of NM\_012471. 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
CAGGAAGAACAAGTTACAACCTCGCTCTAAGTCAAGCCCTAATCATCTGTTCTGGAACCTCAACAGAAAT
CTGTAATTTCTTCTCAGAGGTGACACAGAATATGATTCCCTCACTGCCCTGCCCCAGAAAGG
AGAGTGAAACTCTTATTTGCACCATCTTTATAGCCACATTCTCCATTTTGTCTTGTATTATTATTA
CTTTTATTATTATTTGCCTTTTAAATACCTATACACACTAAGTCCATCTTACAACCGACTGAAGGGGTG
TTGCACCTAATCATCAGAGGTGCAGTTGGGTGCTTAACCTTTTGTCTTGTCTTCTCACCCATGCTTC
CTTGAAGCCCAGGTGCCACTTTGCTGGTCTTGTGCCGCACAGATTCTGACCATCCTCAGAATCTCA
TGCCATTTTCCCAGAGCTGAGGGATGTGGTCAGCAGTCCCACCAGCTATCAGATAAGGCAAACCTAC
CCTGCCATCTTTGTTGCCATTAGTGTACGCGCTGCCATGCTGGGTCAATGAACAGCATCAAAGGG
AGGCTGAAGAGATTTCAAGAATTGTCAGCTTGTGGTTTCTGGGTATAAGTGGCTTGTTCGTTCTTAA
ATACTACAACCTCTTATTGTGGGGCTATTGAGTTTTCTGTTTCTTAAAGATGTGTTAGTTTCTTAAAT
GTGTGCCAATGAAATATTTACCCCATAGTATATGTCATATCTAATAAGTTAGGCGAATATTTTTCTGT
TTGTGTGTTTCAGTTAAGTACTACATTTGAAAATTTGATAGTATCAAAATAGTATTTAGAAATTTGTG
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TCAGGTTGCAGTTTTAATATTCATTGGGGCAGTGGAAATTGCATGTGTAATTATGTTAGATATATATC
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GTTTTTTTTAATGTCAACACCAATAGGAATCCATTTAGATTAATGTATGTAATTTCTGATAAAAGTAAG
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GAGGAGGTTTTGAAGAATAAAGCCTCATATCCAGGAAAAAGTGATCAAGTAAAAAGCTGCATCAAGAC
CCATTTGGCAAGAGGTTGTCGAAAAATAATTCCTTGATCATATCTGAAAGTGGTTATTTACTCAAATCAA
TTTCTCCCTGCTTCGCTAAGACTGTCATAAAATGGCCTTGACATTTAATCACAGTTACTTTCCAGAA
AGGTTTCTAAAGTTACAGATTAGCTTTTCAAATTTGCAAAATCACTTTGAATAATAATAGAACCTGG
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** Sgfl-Mlul

**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\\_012471.3](#)

**Summary:** This gene belongs to the transient receptor family. It encodes one of the seven mammalian TRPC (transient receptor potential channel) proteins. The encoded protein is a multi-pass membrane protein and is thought to form a receptor-activated non-selective calcium permeant cation channel. The protein is active alone or as a heteromultimeric assembly with TRPC1, TRPC3, and TRPC4. It also interacts with multiple proteins including calmodulin, CABP1, enkurin, Na(+)-H+ exchange regulatory factor (NHERF), interferon-induced GTP-binding protein (MX1), ring finger protein 24 (RNF24), and SEC14 domain and spectrin repeat-containing protein 1 (SESTD1). [provided by RefSeq, May 2010]

**Locus ID:** 7224

**MW:** 77.2