

## Product datasheet for **SC204907**

### TRPC4 (NM\_001135956) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	TRPC4 (NM_001135956) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TRPC4
Synonyms:	HTRP-4; HTRP4; TRP4
ACCN:	NM_001135956
Insert Size:	2000 bp



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**Insert Sequence:** >SC204907 3'UTR clone of NM\_001135956  
The sequence shown below is from the reference sequence of NM\_001135956. 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
CACGAAGATTACGTGACCACAAGATTGTGATACTTGAAGGAGGAAGCGTTTACCATACACATACGTATT
TTCCGTAGTGCTCTGGGTGGGGAAAATGTTTAAATTGTATTAGCAAATGCTAACTTACACTTTATAGC
GTTTATCAGCTGTGGCATATTACCTGTAACATGTTTAAATAAGGCAAAGGCAATCAAAAACCTTTTTGT
TTTGTAGCCTGCTTTTGCCTTTCACAATTTGCTTACAATTGTTTTTGTAAATAAAATGCACCTTGT
ATTCTGTACTGTTGCAATAACCCACAGAAACATTTTAGCTATCTTTTTCAATTAACAAATGCAATT
TATTTTCATGTGGTAGTTGACTCCTAAAATAGATATTTTTATTTCAAAAACCAATGTGGCTGAAATATT
ATAGCTTTTCATAATTTTTAGGGTCTTTAGAGAGGGTACTCACCAAGGACTTTTACCTAGTCCCTAC
AGTTTGGCTTTAAAACACAAATATTACCAAATTTTCTTAACGACATGTAATAATTATTGTACACAA
AGCAAACAAGTCTTCTTCATGGAGTCATATCTAAACTCCCTCAAATTCAGAAAAACTTTGTAGTGTT
TTAGGTTGTTCCAGGGTTTCTTTCAGTAAGTAAAAGAAGTGTGTCTTAATACATTTTGTAGTACTGA
TGATTTTTAACGACATTTTGTCCAGGAAAAAACTCGCCCTCCAGTTTTTTAATTACCTATTTTCAGAT
TCAACTGCTTATCAGTATAAATATGAGTCTTTATGAATAACTGAATTTCAAAAATATGGCAAGATTTCT
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TATCCAAATGAAAATGAATTTATCTAACAACTAAATCTAAGTAAAGTTGAATTCAGTATTTTCAAT
CAACGCAATATTGTAATCAATTCAAAAGAAGTACAAAAAACTAGCAGTCTCCTCTTTTACCAGTAAT
CTTTATATATTTCTTTAAAATTAATCACTCAAAAATCATTATTAATTTTATCAGCAGATATAGATATA
TAGTTTTGCCTATAGGAAAAACATTCTTATTTCTTGTTTTTCTTTCTATTGTTTGAAGGAATTTAGC
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AAAGCTTAAATTTTACATTGCTTGTGTCTATTTAAGCCACTACGGGAAGTTTCTTACCACATAAAATT
AGCATTATTTTCAAATCAATAGAAAAATGCTAAGTTTCAATTTTATTTCAAAAATTACTCTGCGAACCTCA
GAAATTGCATGTGATTTATCATTGGCCCCAACTGAATAATGTTATGGCACTCAGTTTCTCATTACCAA
ACATCAAAAATAAGGAATAACAGCAATAACAATGCCAGCCTCTGTCTATTCTATACACCTGTTAACA
TTTATGTACTGCTCTTTACAGCCCTCTGAAGTAGCTCCTGTTTTATCCCCATTTACATATGATGAAA
CTGAGACCAGCACTAACTGGCTAAGGTAATACAGCTCATGATGGAGCTGTGATGTGCCATCAGAGCCA
TTCCCTTACCAGTGCATTGTAAGTGCCTTTCAGAACATAAAAAGAGCAAGTTATAAAAACATGCATATA
CAGGGGTACAATTGCCACTTCTGAAGTCTATACCTTGAGAGAGAATGAGTTTGGTATGCTTCATAAG
AGTCCCTTCTTCTAAAGCAAGAGAAGTGTGCAAAAATAAAAATGTGCTGTATTTGATTCTTTAGACTAA
ATTACATTAAGTTAGTAGATTTTAAAACATATTTATTATGTGATCTCAGAACTCAATTTGAAACT
AGATTTTAAATTTTCAAAAAGCCAGGAGCACTAAGCCCTGTTCACTCCTAAACCTGGTTTTTGGGAA
ACGCGTAAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
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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\\_001135956.3](#)

**Summary:** This gene encodes a member of the canonical subfamily of transient receptor potential cation channels. The encoded protein forms a non-selective calcium-permeable cation channel that is activated by Gq-coupled receptors and tyrosine kinases, and plays a role in multiple processes including endothelial permeability, vasodilation, neurotransmitter release and cell proliferation. Single nucleotide polymorphisms in this gene may be associated with generalized epilepsy with photosensitivity. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Aug 2011]

**Locus ID:** 7223

**MW:** 76.8