

Product datasheet for **SC214331**

TRPC6 (NM_004621) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TRPC6 (NM_004621) Human 3' UTR Clone
Symbol:	TRPC6
Synonyms:	FSGS2; TRP6
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004621
Insert Size:	1421 bp



[View online »](#)

Insert Sequence: >SC214331 3'UTR clone of NM_004621
The sequence shown below is from the reference sequence of NM_004621. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAACCAAATCAAGAGGAAACCAATAGATAATGCGAAGACTTCCTTAGAAATTCATATTTATTGTCCAC
TTGAAGCCATATTATTTCTGATTTATTTCTTAAGTGCCAATGGGCCACCTTTTAAACAAGAAAACG
TTAAATAAAGTGGCCATCCTATCATCTGGAGCCCTAGTATCTAATTTTTTTGGTGATTAAGTCCATT
GTTCCAGGGTAAAGGCTGTAGATAATGAGGAAAATTATGCCAGTTGTTGGTGCTGTTTTATAAAGTCC
CTTTCTTGATATAAATAAAGTCTGTGATGATGTCATTGCCATGTAGTGTCTGCCTGAAATGGGTCCC
AGCGGACAGGGGCTGACCCAGTTACTCCCATGCGGTTTTCTCTGAAGTTTATTTTCAGTTCCCTTC
TTGCTGCTCTGTGGATCCCCTGCTGGGACTCCAGCTCTGAAATTTGGGAAAAAGTAGCCCATGGGC
CTTTAGAATGCTTTAATCTTTCTTTAGAATGCTTTTAAACACCATTTACCCTACTTATCCCTCAATG
CACATGATTGATACCGTTTCATACAAAATGGTCTTACATCTATGAAAATTTCTGATTCATCTATTTGA
AAACATTACACTTAACAATGAAAAAAGTTTTCTCCACTGAACCCTGGAACATGGTCCAGTTTTGTG
TGTGTGCGTGTGTGTAATGTGTACACACAGACATAAAGTACTTGCCTAGTTTGTGGCTAATGTGGAC
ACACAAAAGCTCTTTATGTTATAAATTTTTATTGCACTAAAAAATTTACTGTCTAAATAAGTACCTT
TTATTGGAGAAAAATCAAAACCCCAACAAACTGTGGTTGTTGGTCCATTATAGCACAAATTTGT
GCCATTTCTGGGAGCATTACAGATGAATCCCAACTTAGCCATTGAATGTAAGGGGAAAAATAAGG
TGAGAATTTGTAATACTTATCTGTTATTTTCAATATGTTCTATCCTTCTACCCAATATATAAACAG
GAATTTGCATTCATGTGCATTTACCAAGAGGTTGTTGTTACTTACTGATCATGTGAAGTGGTGTCT
TAAACAACATAAAAGCGATGAAGGTTTCATATGTTTACTCAAAGACCATTGGCATTGAGAGGATGCTGGAC
ATTAAGTGAAGTCTACTTCCAATTCAATAATGGGAGATTTCAAATGCAAACTTTAAGTTCATCTTA
AAGATGAAATGGTTCAGAAAATCTGTTTAGCTCCAAGTGGCTAATTTAAATCAAAGAACATTTAT
GTAACCAGATCAGAAAATACAGCTGAAAATTTATATTCAGTGATTTTGTATTTGTGGATACTACTTATG
GAAAAGTACTTGGTGATACATAAAGATCGATTTTCAAATA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
```

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.

RefSeq: [NM_004621.6](#)

Summary: The protein encoded by this gene forms a receptor-activated calcium channel in the cell membrane. The channel is activated by diacylglycerol and is thought to be under the control of a phosphatidylinositol second messenger system. Activation of this channel occurs independently of protein kinase C and is not triggered by low levels of intracellular calcium. Defects in this gene are a cause of focal segmental glomerulosclerosis 2 (FSGS2). [provided by RefSeq, Mar 2009]

Locus ID: 7225

MW: 55.4