

Product datasheet for **SC207044**

TRPV6 (NM_018646) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: TRPV6 (NM_018646) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: TRPV6
Synonyms: ABP/ZF; CAT1; CATL; ECAC2; HRPTTN; HSA277909; LP6728; ZFAB
ACCN: NM_018646
Insert Size: 529 bp
Insert Sequence: >SC207044 3'UTR clone of NM_018646
The sequence shown below is from the reference sequence of NM_018646. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GACGGGGAGAGCTGGGAATATCAGATCTGACTGCGTGTCTCACTTCGCTTCTCTGGAACCTGCTCTCAT
TTTCTGGGTGCATCAAACAAAACAAAACCAACACCCAGAGGTCTCATCTCCAGGCCCCAGGGGAG
AAAGAGGAGTAGCATGAACGCCAAGGAATGTACGTTGAGAATCACTGCTCCAGGCCTGCATTACTCCTT
CAGCTCTGGGGCAGAGGAAGCCAGCCCAAGCACGGGGCTGGCAGGGCGTGAGGAACCTCTCTGTGGCC
TGCTCATCACCTTCCGACAGGAGCACTGCATGTCAGAGCACTTTAAAAACAGGCCAGCCTGCTTGGGC
GCTCGTCTCCACCCAGGGTCAATAAGTGGGGAGAGGCCCTTCCAGGGCACCCAGGCAGGTGCAGGG
AAGTGCAGAGCTTGTGAAAGCGTGTGAGTGAGGGAGACAGGAACGGCTCTGGGGTGGGAAGTGGGGC
TAGGTCTTGCCAACTCCATCTTCAATAAAGTCGTTTTCGGATCCCT
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

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_018646.6](#)



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Summary:

This gene encodes a member of a family of multipass membrane proteins that functions as calcium channels. The encoded protein contains N-terminal ankyrin repeats, which are required for channel assembly and regulation. Translation initiation for this protein occurs at a non-AUG start codon that is decoded as methionine. This gene is situated next to a closely related gene for transient receptor potential cation channel subfamily V member 5 (TRPV5). This locus has experienced positive selection in non-African populations, resulting in several non-synonymous codon differences among individuals of different genetic backgrounds. [provided by RefSeq, Feb 2015]

Locus ID:

55503

MW:

19.1