

Product datasheet for **SC214360**

VR1 (TRPV1) (NM_080704) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	VR1 (TRPV1) (NM_080704) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TRPV1
Synonyms:	VR1
ACCN:	NM_080704
Insert Size:	1399 bp



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Insert Sequence: >SC214360 3'UTR clone of NM_080704
The sequence shown below is from the reference sequence of NM_080704. 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
AAGAGTCCTGCCGCTTCCGGGGAGAAGTAGGACGTACGCGAGACAGCACTGTCAACACTGGGCCTTAG
GAGACCCCGTTGCCACGGGGGGCTGCTGAGGGAACACCAGTGCTCTGTACAGCAGCCTGGCCTGGTCTGT
GCCTGCCCAGCATGTTCCCAAATCTGTGCTGGACAAGCTGTGGGAAGCGTTCCTTGAAGCATGGGGAGT
GATGTACATCCAACCGTCACTGTCCCAAGTGAATCTCCTAACAGACTTTCAGGTTTTACTCACTTTA
CTAAACAGTTTGGATGGTCAGTCTCTACTGGGACATGTTAGGCCCTTGTCTTTGATTTTATTCTTT
TTTTTGAGACAGAATTTCACTCTTCTACCCAGGCTGGAATGCAGTGGCACAATTTGGCTCCCTGCAA
CCTCCGCCTCCTGGATTCCAGCAATTCTCTGCCTCGGCTTCCCAAGTAGCTGGGATTACAGGCACGTG
CCACCATGCTGGCTAATTTTTGTATTTTTTAAATAGATATGGGGTTTCGCCATGTTGGCCAGGCTGG
TCTCGAATCCTGACCTCAGGTGATCCGCCACCTCGGCCTCCCAAAGTGTGGGATTACAGGTGTGAG
CCTCCACACCTGGCTGTTTTCTTTGATTTTATTCTTTTTTTTTTTTTCTGTGAGACAGAGTTTCACTCT
TGTTGCCCAGGCTGGAGTGCAGTGGTGTGATCTTGGCTCACTGCAACTTCTGCCTCCCGGTTCAAGCG
ATTCTTCTGCTTCAGTCTCCAAGTAGCTTGGATTACAGGTGAGCACTACCACGCCCGGTAATTTTTG
TATTTTTAATAGACAGCGGGTTTACCATTGTTGGCCAGGCTGGTCTCGAACTCTTGACCTCAGGTGATC
TGCCCGCCTTGGCCTCCCAAAGTGTGGGATTACAGGTGTGAGCCGCTGCGCTCGGCCTTCTTTGATTT
TATATTATTAGGAGCAAAAGTAAATGAAGCCCAGGAAAACACCTTTGGGAACAACTCTTCTTTGATG
GAAAATGCAGAGGCCCTTCTCTCTGTGCCGTGCTTGTCTCTTACCTGCCCGGTGGTTGGGGGTG
TTGGTGTCTTCTCCCTGGAGAAGATGGGGGAGGCTGTCCCACTCCAGCTCTGGCAGAATCAAGCTGTT
GCAGCAGTGCCTTCTTCACTCCTTACGATCAATCACAGTCTCCAGAAGATCAGCTCAATTGCTGTG
CAGGTTAAAACACAGAACCACATCCCAAAGGTACCTGGTAAGAATGTTTGAAGATCTTCCATTCTA
GGAACCCAGTCTGCTTCTCCGCAATGGCACATGCTTCCACTCCATCCATACTGGCATCTCAAATAA
ACAGATATGTATACATATA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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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.

RefSeq: [NM_080704.4](#)

Summary: Capsaicin, the main pungent ingredient in hot chili peppers, elicits a sensation of burning pain by selectively activating sensory neurons that convey information about noxious stimuli to the central nervous system. The protein encoded by this gene is a receptor for capsaicin and is a non-selective cation channel that is structurally related to members of the TRP family of ion channels. This receptor is also activated by increases in temperature in the noxious range, suggesting that it functions as a transducer of painful thermal stimuli in vivo. Four transcript variants encoding the same protein, but with different 5' UTR sequence, have been described for this gene. [provided by RefSeq, Jul 2008]

Locus ID: 7442
MW: 51.5