

Product datasheet for **SC207313**

TRPV4 (NM_147204) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TRPV4 (NM_147204) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TRPV4
Synonyms:	BCYM3; CMT2C; HMSN2C; OTRPC4; SMAL; SPSMA; SSQTL1; TRP12; VRL2; VROAC
ACCN:	NM_147204
Insert Size:	575 bp
Insert Sequence:	>SC207313 3'UTR clone of NM_147204 The sequence shown below is from the reference sequence of NM_147204. 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
AAGTGGAGGACTGATGACGCCCCGCTCTAGGGACTGCAGCCCAGCCCAGCTTCTCTGCCACTCATT
CTAGTCCAGCCGATTTACAGAGTGCCTTCTGGGGTGTCCCCCACACCTGCTTTGCCCCAGAGGCG
AGGGACCAGTGGAGGTGCCAGGGAGGCCAGGACCCTGTGGTCCCTGGCTCTGCCTCCCCACCTGG
GGTGGGGGCTCCCGGCCACCTGTCTTGCTCCTATGGAGTACATAAGCCAACGCCAGAGCCCTCCACC
TCAGGCCCCAGCCCTGCCTCTCCATTATTTATTGCTCTGCTCTCAGGAAGCGACGTGACCCTGCC
CAGCTGGAACCTGGCAGAGGCCTTAGGACCCCGTTCCAAGTGCCTGCCCCGCCAAGCCCCAGCCTCAG
CCTGCGCCTGAGCTGCATGCGCCACCATTTTGGCAGCGTGGCAGCTTTGCAAGGGGCTGGGGCCCTCG
GCGTGGGGCCATGCCTTCTGTGTGTTCTGTAGTGTCTGGGATTTGCCGGTCTCAATAAATGTTTATTC
ATTGACGGTGGAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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.



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RefSeq: [NM_147204.2](#)

Summary: This gene encodes a member of the OSM9-like transient receptor potential channel (OTRPC) subfamily in the transient receptor potential (TRP) superfamily of ion channels. The encoded protein is a Ca²⁺-permeable, nonselective cation channel that is thought to be involved in the regulation of systemic osmotic pressure. Mutations in this gene are the cause of spondylometaphyseal and metatropic dysplasia and hereditary motor and sensory neuropathy type IIC. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2010]

Locus ID: 59341

MW: 20.8