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Product datasheet for SC207312

TRPV4 (NM_021625) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TRPV4 (NM_021625) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TRPV4
Synonyms:	BCYM3; CMT2C; HMSN2C; OTRPC4; SMAL; SPSMA; SSQTL1; TRP12; VRL2; VROAC
ACCN:	NM_021625
Insert Size:	562 bp

Insert Sequence:

>SC207312 3'UTR clone of NM_021625
The sequence shown below is from the reference sequence of NM_021625. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGTGGAGGACTGATGACGCCCCGCTCTAGGGACTGCAGCCCAGCCCCAGCTTCTCTGCCCACTCATTT
CTAGTCCAGCCGCATTTCAGCAGTGCCTTCTGGGGTGTCCCCCCACACCCTGCTTTGGCCCCAGAGGCG
AGGGACCAGTGGAGGTGCCAGGGAGGCCCCAGGACCCTGTGGTCCCCTGGCTCTGCCTCCCCACCCTGG
GGTGGGGGCTCCCGGCCACCTGTCTTGCTCCTATGGAGTCACATAAGCCAACGCCAGAGCCCCTCCACC
TCAGGCCCCAGCCCCTGCCTCTCCATTATTTATTTGCTCTGCTCTCAGGAAGCGACGTGACCCCTGCCC
CAGCTGGAACCTGGCAGAGGCCTTAGGACCCCGTTCCAAGTGCACTGCCCGGCCAAGCCCCAGCCTCAG
CCTGCGCCTGAGCTGCATGCGCCACCATTTTTGGCAGCGTGGCAGCTTTGCAAGGGGCTGGGGCCCTCG
GCGTGGGGCCATGCCTTCTGTGTGTTCTGTAGTGTCTGGGATTTGCCGGTGCTCAATAAATGTTTATTC
ATTGACGGTG
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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.

View online »

RefSeq: NM_021625.5

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: 20.3