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Product datasheet for SC102781

TMEM141 (NM_032928) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM141 (NM_032928) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM141
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene ORF within SC102781 sequence for NM_032928 edited (data generated by NextGen Sequencing)
ATGGTGAACTTGGGTCTGTCCCGGGTGGACGACGCCGTGGCTGCCAAGCACCCGGGACTC
GGGGAGTATGCCGCATGCCAGTCACACGCCTTCATGAAGGGCGTTTTCACCTTCGTCACA
GGCACCGGCATGGCCTTTGGCTTGCAGATGTTCATTCAGAGGAAGTTTCCATACCCTTTG
CAGTGGAGCCTCCTAGTGGCCGTGGTTGCAGGCTCTGTGGTCAGCTACGGGGTGACGAGA
GTGGAGTCGGAGAAATGCAACAACCTCTGGCTCTTCCTGGAGACCGGGCAGCTCCCCAAA
GACAGGAGCACAGATCAGAGAAGCTAG

Clone variation with respect to NM_032928.3

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032928 unedited
AATTTGTAATACGAACTCACTATAGGGCGGCCGCGATTCGGCACGAGGCCGAGCCCTGCC
AACCATGGTGAACTTGGGTCTGTCCCGGGTGGACGACGCCGTGGCTGCCAAGCACCCGGG
ACTCGGGGAGTATGCCGCATGCCAGTCACACGCCTTCATGAAGGGCGTTTTCACCTTCGT
CACAGGCACCGGCATGGCCTTTGGCTTGCAGATGTTCATTCAGAGGAAGTTTCCATACCC
TTTGCAGTGGAGCCTCCTAGTGGCCGTGGTTGCAGGCTCTGTGGTCAGCTACGGGGTGAC
GAGAGTGGAGTCGGAGAAATGCAACAACCTCTGGCTCTTCCTGGAGACCGGGCAGCTCCC
CAAAGACAGGAGCACAGATCAGAGAAGCTAGGAGAGCTCCAGCAGGGGCACAGAGGATTG
GGGGCAGGAGGAGTCTGGAACACAGCCTTCATGCCCCCTGACCCCAGGCCGACCCTCCCC
ACACCCTAGGGTACCCCAGTCGTATCCTCTGTCCGCATGTGTGGCCAGGCCTGACAAACA
CCTGCAGATGGCTGCTGCCCCAACCTGGGACCTGCCCAGGAGGTTGGAGCAGAAAGGGCT
CTCCCTGNGGTGGTGTTTCTCCTCTAGGGTATTGGGATGCATGTTCTGCACTGCCAGCAG
AGAGGGTGTGTCTGGNGGCCACCACCTATGGGACACGGNGTCGAAGGGGCCTGTACACTC
TGTCATTTCCTTTCTAGCCCCTGCATCTCCAACAAGTTCAAGGTGACAGCTGGTGCTNAG
GGCGTGGGGTTAATAAATGGCTTATTCTTTCTCTCCAAAAAAAAAAAAAAAAACTCGACTC
TAGATTGCGGCCGCGTCATAGCTGTTTCTGAACGATCCN

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3' Read Nucleotide Sequence:

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>OriGene 3' read for NM_032928 unedited
ATGAACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTGGAGAGAAGATAA
GCCATTTATTAACCCCACGCCCCTAGCACCAGCTGTCACCTTGGACTTGTTGGAGATGCA
GGGGCTAGAAAGGAAATGACAGAGTGTACAGGCCCCTTCGACCCCGTGTCCCATAGGTGG
TGGCCCCCAGACACACCCTCTCTGCTGGCAGTGCAGAACATGCATCCCAATACCCTAGAG
GAGAAACACCACCCCAGGGAGAGCCCTTTCTGCTCCAACCTCCTGGGCAGGTCCCAGGTT
GGGGCAGCAGCCATCTGCAGGTGTTTGTCAGGCCTGGCCACACATGCGGACAGAGGATAC
GACTGGGGTACCCTAGGGTGTGGGGAGGGTCGGCCTGGGGTCAGGGGGCATGAAGGCTGT
GTTCCAGACTCCTCCTGCCCCCAATCCTCTGTGCCCCTGCTGGAGCTCTCCTAGCTTCTC
TGATCTGTGCTCCTGTCTTTGGGGAGCTGCCCGGTCTCCAGGAAGAGCCAGAGGTTGTTG
CATTTCTCCGACTCCACTCTCGTCACCCCGTAGCTGACCACAGAGCCTGCAACCACGGNC
ACTAGGAGGCTCCACTGCCAAGGGTATGGAAACTTCCTCTGAATGAACCATCTGCAGCCA
NAGGCCCTGCCCGTGCCTGTGACGAAGGTGAAAACCCCCTTCATGAAAGCGTGTGACCTG
CATGCNGGATACTCCCCGAGTCCCCGGTGCTTGCAACCACGGGGTTCTCCACCCGGGACA
GACCCAATTTACCATGGTTGGCAAGGCTCGGGCTCGGCCCGAATTCCGGGCCCCCTATAT
GAGGCCATACAAAATCTGACGGTTACTAACCAACTTTCTATATGACCTNCACCGAACACC
TACCGCCATTTCTAAACGGGCGGGGTATTCACCTTTGGAAACCCGCTATTCTGGCCC
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Restriction Sites: NotI-NotI

ACCN: NM_032928

Insert Size: 860 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: NM_032928.2, NP_116317.1

RefSeq Size: 785 bp

RefSeq ORF: 327 bp

Locus ID: 85014

UniProt ID: Q96I45

Cytogenetics: 9q34.3

Protein Families: Transmembrane

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