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Product datasheet for SC123141

TM4SF19 (NM_138461) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TM4SF19 (NM_138461) Human Untagged Clone
Tag:	Tag Free
Symbol:	TM4SF19
Synonyms:	OCTM4
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene sequence for NM_138461 edited
GACAACCTTCAGGTCCAGCCCTGGAGCTGGAGGAGTGGAGCCCCACTCTGAAGACGCAGC
CTTTCTCCAGGTTCTGTCTCTCCCATTCTGATTCTTGACACCAGATGCAGGATGGTGTCC
TCTCCCTGCACGCCGGCAAGCTCACGGACTTGCTCCCGTATCCTGGGACTGAGCCTTGGG
ACTGCAGCCCTGTTTGCTGCTGGGGCCAACGTGGCACTCCTCCTTCCTAACTGGGATGTC
ACCTACCTGTTGAGGGGCCTCCTTGGCAGGCATGCCATGCTGGGAACTGGGCTCTGGGGA
GGAGGCCTCATGGTACTCACTGCAGCTATCCTCATCTCCTTGATGGGCTGGAGATACGGC
TGCTTCAGTAAGAGTGGGCTCTGTCGAAGCGTGCTTACTGCTCTGTTGTCAGGTGGCCTG
GCTTTACTTGGAGCCCTGATTTGCTTTGTCACTTCTGGAGTTGCTCTGAAAGATGGTCCT
TTTTGCATGTTTGATGTTTCATCCTTCAATCAGACACAAGCTTGGAAATATGGTTACCCA
TTCAAAGACCTGCATAGTAGGAATTATCTGTATGACCGTTCGCTCTGGAACTCCGTCTGC
CTGGAGCCCTCTGCAGCTGTTGTCTGGCACGTGTCCCTCTTCTCCGCCCTTCTGTGCATC
AGCCTGCTCCAGCTTCTCCTGGTGGTCGTTCATGTCATCAACAGCCTCCTGGGCCTTTTC
TGCAGCCTCTGCGAGAAGTGACAGGCAGAACCTTCACTTGCAAGCATGGGTGTTTTCATC
ATCGGCTGTCTTGAATCCTTTCTACAAGGAGTGGGTTCAGGCCCTCTGTGGTTAAAGACT
GTATCCATGCTGTGCTCAAGGAGGAACTGGCAAATGCTGAATATTCTCCAGAAGAAATGC
CTCAGCTTACAAAACATTTATCAGAAAACATTAAAGATAAATTAAAAGGTAATCATGGTG
AAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_138461 unedited
NGTTCAAATTTTGTAATACCGACTCACTATAGGNNCGGCCGCGNAATTCCCGGGATATCG
TCGACCCACGCGTCCGGACAACCTTCAGGTCCAGCCCTGGAGCTGGAGGAGTGGAGCCCC
ACTCTGAAGACGCAGCCTTTCTCCAGGTTCTGTCTCTCCCATTCTGATTCTTGACACCAG
ATGCAGGATGGTGTCCTCTCCCTGCACGCCGGCAAGCTCACGGACTTGCTCCCGTATCCT
GGGACTGAGCCTTGGGACTGCAGCCCTGTTTGCTGCTGGGGCCAACGTGGCACTCCTCCT
TCCTAACTGGGATGTCACCTACCTGTTGAGGGGCCTCCTTGGCAGGCATGCCATGCTGGG
AACTGGGCTCTGGGGAGGAGGCCTCATGGTACTCACTGCAGCTATCCTCATCTCCTTGAT
GGGCTGGAGATACGGCTGCTTCAGTAAGAGTGGGCTCTGTCGAAGCGTGCTTACTGCTCT
GTTGTCAGGTGGCCTGGCTTTACTTGGAGCCCTGATTTGCTTTGTCACTTCTGGAGTTGC
TCTGAAAGATGGTCCTTTTTGCATGTTTGATGTTTCATCCTTCAATCAGACACAAGCTTG
GAAATATGGTTACCCATTCAAAGACCTGCATAGTAGGAATTATCTGTATGACCGTTCGCT
CTGGAACTCCGTCTGCCTGGAGCCCTCTGCAGCTGTTGTCTGGCACGTGTCCCTCTTCTC
CGCCCTTCTGTGCATCAGCCTGCTCCAGCTTCTCCTGGTGGTCGTTCATGTCATCAACAG
CCTCCTGGGCCTTTTCTGCAGCCTCTGCGAGAAGTGACAGGCAGAACCTTCACTTGCAGC
ATGGGTGTTTTCATCATCGCTGTCTTGATCCTTTCTACAGGAGTGGGTTCAGGGCCTCTG
TGGTAAAGACTGATCCATGCTGTGCTCAAGGAGAAC

Restriction Sites: Please inquire

ACCN: NM_138461

Insert Size: 975 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_138461.1, NP_612470.1

RefSeq Size: 975 bp

RefSeq ORF: 630 bp

Locus ID: 116211

UniProt ID: Q96DZ7

Cytogenetics: 3q29

Protein Families: Transmembrane

Gene Summary: The protein encoded by this gene is a member of the four-transmembrane L6 superfamily. Members of this family function in various cellular processes including cell proliferation, motility, and adhesion via their interactions with integrins. In human brain tissue, this gene is expressed at high levels in the parietal lobe, occipital lobe, hippocampus, pons, white matter, corpus callosum, and cerebellum. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, May 2017]
Transcript Variant: This variant (1) represents the longest transcript and encodes isoform 1.