

Product datasheet for **SC334765**

TM4SF19 (NM_001204897) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TM4SF19 (NM_001204897) Human Untagged Clone
Tag:	Tag Free
Symbol:	TM4SF19
Synonyms:	OCTM4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001204897, the custom clone sequence may differ by one or more nucleotides

ATGGTGTCTCTCCCTGCACGCAGGCAAGCTCACGGACTTGCTCCCGTATCCTGGGACTGAGCCTTGGA
 CTGCAGCCCTGTTTGCTGCTGGGGCCAACGTGGCACTCCTCCTCCTAACTGGGATGTCACCTACCTGTT
 GAGGGGCTCTTGGCAGGCATGCCATGCTGGGAACCTGGGCTCTGGGAGGAGGCCTCATGGTACTCACT
 GCAGCTATCCTCATCTCCTTGATGGGCTGGAGATACGGCTGCTTCAGTAAGAGTGGGCTCTGTGGAAGCG
 TGCTTACTGCTCTGTTGTCAGGTGGCCTGGCTTTACTTGGAGCCCTGATTTGCTTTGTCACTTCTGGAGT
 TGCTCTGAAAGATGGTCCTTTTGCATGTTTGATGTTTCATCCTCAATCAGACACAAGCTTGAAATAT
 GGTACCCATTCAAAGACCTGCATAGAATTATCTGTATGACCGTTCGCTCTGGAACCTCCGCTGCCTGGA
 GCCCTCTGCAGCTGTTGTCTGGCAGGTGTCCTCTTCTCCGCCCTTCTGTGCATCAGCCTGCTCCAGCTT
 CTCTGCTGGTGGTCTTCATGTCATCAACAGCCTCCTGGGCCTTTTCTGCAGCCTCTGCGAGAAGTGACAGG
 CAGAACCTTCACTTGCAAGCATGGGTGTTTTCATCATCGGCTGTCTTGAATCCTTCTACAAGGAGTGGG
 TACGAATTATAAACAACCTTCCCTTTAG

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001204897
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).


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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:	<ol style="list-style-type: none"> 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:	<u>NM_001204897.1, NP_001191826.1</u>
RefSeq Size:	1073 bp
RefSeq ORF:	729 bp
Locus ID:	116211
Cytogenetics:	3q29
Protein Families:	Transmembrane
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) uses an alternate splice site that causes a frameshift in the 3' coding region, compared to variant 1. The encoded isoform (2) has a distinct C-terminus and is longer than isoform 1.</p>