

## Product datasheet for **SC126472**

### TM4SF3 (TSPAN8) (NM\_004616) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TM4SF3 (TSPAN8) (NM_004616) Human Untagged Clone
Tag:	Tag Free
Symbol:	TM4SF3
Synonyms:	CO-029; TM4SF3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_004616 edited AGTGCCCCAGGAGCTATGACAAGCAAAGGAACATACTTGCCTGGAGATAGCCTTTGCGAT ATTTAAATGTCCGTGGATACAGAAATCTCTGCAGGCAAGTTGCTCCAGAGCATATTGCGAG GACAAGCCTGTAAACGAATAGTTAAATTCACGGCATCTGGATTCCCTAATCCTTTTCCGAAA TGGCAGGTGTGAGTGCCTGTATAAAATATTCTATGTTTACCTTCAACTTCTTGTCTGGC TATGTGGTATCTTGATCCTAGCATTAGCAATATGGGTACGAATAAGCAATGACTCTCAAG CAATTTTTGGTTCTGAAGATGTAGGCTCTAGCTCCTACGTTGCTGTGGACATATTGATTG CTGTAGGTGCCATCATCATGATTCTGGGCTTCTGGCATGCTGCGGTGCTATAAAAGAAA GTCGCTGCATGCTTCTGTGTTTTTCATAGGCTTGCTTCTGATCCTGCTCCTGCAGGTGG CGACAGGTATCCTAGGAGCTGTTTTCAAATCTAAGTCTGATCGCATTGTGAATGAAACTC TCTATGAAAACACAAAGCTTTTGAGCGCCACAGGGGAAAGTGAAAAACAATTCCAGGAAG CCATAATTGTGTTTCAAGAAGAGTTAAATGCTGCGGTTTGGTCAATGGAGCTGCTGATT GGGAAAATAATTTTCAACACTATCCTGAATTATGTGCCTGTCTAGATAAGCAGAGACCAT GCCAAAGCTATAATGGAAAACAAGTTTACAAAGAGACCTGATTTCTTTTCATAAAAGACT TCTTGGCAAAAAATTTGATTATAGTTATTGGAATAGCATTGGACTGGCAGTTATTGAGA TACTGGGTTTGGTGTCTTCTATGGTCTGTATTGCCAGATCGGGAACAAATGAATCTGTG GATGCATCAAGCTATCGTCAGTCAAACCCCTTTAAATGTTGCTTTGGCTTTGTAATTT AAATATGTAAGTGCTATATAAGTCAGGAGCAGCTGTCTTTTTAAATGTCTCGGCTAGCT AGACCACAGATACTTTCTAGACATATTGAACACATTTAAGATTTGAGGGATATAAGGGAA AATGATATGAATGTGATTTTTACTCAAATAAAAAGTAACTGTTTACGCCAAAAA AAAAAAAAAAAAAAAAAAAA



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_004616 unedited TTCAGGTATCATGTATATTTGTCAATACGCACTNCACTNTGAGGGNCGCGCCGCGTAATT CGGACCATTACGCGCCGGGTAGTGCCCCAGGAGCTATGACAAGCAAAGGAACATACTTG CCTGGAGATAGCCTTTGCGATATTTAAATGTCCGTGGATACAGAAATCTCTGCAGGCAAG TTGCTCCAGAGCATATTGCAGGACAAGCCTGTAAACGAATAGTTAAATTCACGGCATCTGG ATTCTAATCCTTTTCCGAAATGGCAGGTGTGAGTGCCTGTATAAAATATTCTATGTTTA CCTTCAACTTCTTGTCTGGCTATGTGGTATCTTGATCCTAGCATTAGCAATATGGGTAC GAATAAGCAATGACTCTCAAGCAATTTTGGTTCTGAAGATGTAGGCTCTAGCTCCTACG TTGCTGTGGACATATTGATTGCTGTAGGTGCCATCATCATGATTCTGGGCTTCTGGCAT GCTGCGGTGCTATAAAAGAAAGTCGCTGCATGCTTCTGTTGTTTTTCATAGGCTTCTTC TGATCCTGCTCCTGCAGGTGGCGACAGGTATCCTAGGAGCTGTTTTCAAATCTAAGTCTG ATCGCATTGTGAATGAACTCTCTATGAAAACACAAAGCTTTTGAGCGCCACAGGGGAAA GTGAAAAACAATCCAGGAAGCCATAATTGTGTTCAAGAAGAGTTAAATGCTGCGGTT TGGTCAATGGAGCTGCTGATTGGGGAAAATAATTTCAACACTATCCTGAATTATGTGCC GTCTAGATAAGCAGAGACCATGCCAAAACATAATGGAAAACAGTTTACAAGAGACCTGTA TTTCTTTCATAAAAACCTTCTGGCAAAAATTGATATAGTTATTGGATAGCATTGGACT GGCAGTTATTGAGAAC
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_004616
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_004616.2</a> , <a href="#">NP_004607.1</a>
<b>RefSeq Size:</b>	1159 bp
<b>RefSeq ORF:</b>	714 bp
<b>Locus ID:</b>	7103
<b>UniProt ID:</b>	<a href="#">P19075</a>
<b>Cytogenetics:</b>	12q21.1
<b>Protein Families:</b>	Transmembrane

**Gene Summary:**

The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins. This gene is expressed in different carcinomas. The use of alternate polyadenylation sites has been found for this gene. [provided by RefSeq, Jul 2008]