

## Product datasheet for **SC308275**

### TMIGD1 (NM\_206832) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TMIGD1 (NM_206832) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMIGD1
Synonyms:	TMIGD; UNQ9372
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC308275 representing NM_206832. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGCATGGAAGAGCAGTGTCATAATGCAAATGGGAAGATTTCTTCTCTTAGTAATTTTATTTCTGCCA
CGTGAGATGACAAGTTCTGTTTTAACTGTGAATGGTAAAAGTGAAGAACTATATCCTGGATACTACACCT
GGCTCCCAAGCATCTCTGATATGTGCTGTTCAAACCACACCAGAGAGGAAGAACTGCTCTGGTACCGA
GAGGAGGGGAGAGTGGATTTGAAATCTGGAACAAAATCAATCCAGCTCTGTCTGTCTCTTCCATC
AGTGAAAATGACAACGGAATCAGCTTTACCTGCAGGCTGGGGAGGGATCAGTCCGTGTCGGTTCCGGT
GTGCTGAATGTTACTTTTCTCCTCCTAAGTGGAAACGACTTCAAACAGTTGAGGAAGGCAGTAAT
GTGAAGTTGGTTTGAATGTGAAAGCCAAACCCAGGCTCAAATGATGTGGTACAAAAACAGTAGTCTC
CTCGATTTAGAGAAAAGCCGTCACCAAATCCAACAGACAAGTGAGTCTTTTCAGCTGTCAATCACAAA
GTGCGAAGCCTGACAACGGAACCTACAGTTGTATTGCAAAGTCACTCTGAAAACGGAGAGCTTGGAC
TTTCACCTGATTGTTAAAGATAAAACTGTGGGTGTACCAATAGAGCCATTATTGCTGCATGTGTTGTG
ATCTTTCTGACATTGTGCTTTGGACTGATTGCTAGAAGAAAGAAAATAATGAAGCTCTGCATGAAGGAT
AAAGACCCTCACAGTGAACAGCTCTA TGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_206832
Insert Size:	789 bp



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<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>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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>	<u><a href="#">NM_206832.2</a></u>
<b>RefSeq Size:</b>	1213 bp
<b>RefSeq ORF:</b>	789 bp
<b>Locus ID:</b>	388364
<b>UniProt ID:</b>	<u><a href="#">Q6UXZ0</a></u>
<b>Cytogenetics:</b>	17q11.2
<b>Protein Families:</b>	Transmembrane
<b>MW:</b>	29.2 kDa
<b>Gene Summary:</b>	<p>May control cell-cell adhesion, cell migration and proliferation, cell morphology, and protects renal epithelial cells from oxidative cell injury to promote cell survival.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>