

## Product datasheet for **SC334014**

### TMED3 (NM\_001301203) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TMED3 (NM_001301203) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMED3
Synonyms:	C15orf22; P24B; p24g4; p24gamma4; p26
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC334014 representing NM_001301203. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGCATCGCC
ATGGGCAGCACTGTCCCGCCTCCGCTCCGTGCTGCTTCTGCTGCTGCTCCTGCGCCGGGCCGAGCAG
CCCTGCGGGGCCGAGCTCACCTTCGAGCTGCCGACAACGCCAAGCAGTGCTTCCACGAGGAGGTGGAG
CAGGGCGTGAAGTTCTCCCTGGATTACCAGTCACTGAGGCCACTACGATGTTGACTGCTATGTA
GAGGACCCCAAGGGAACACCATCTACAGAGAAACGAAGAAGCAGTACGACAGCTTACGTACCGGGCT
GAAGTCAAGGGCGTTTATCAGTTTTGCTTCAGTAATGAGTTTTCCACCTTCTCTACAAGACCGTCTAC
TTTGACTTTCAGTGGGCGATGAGCCTCCATTCTCCAGACATGGGGAACAGGGTCACAGCTCTCACC
CAGGGTCCCAGTGCTTACCAACACCAACGCCACCACTAAGGGTTCAGTGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001301203
Insert Size:	468 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).



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<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>NM_001301203.1</u>
<b>RefSeq Size:</b>	2370 bp
<b>RefSeq ORF:</b>	468 bp
<b>Locus ID:</b>	23423
<b>Cytogenetics:</b>	15q25.1
<b>Protein Families:</b>	Transmembrane
<b>MW:</b>	17.4 kDa
<b>Gene Summary:</b>	<p>Potential role in vesicular protein trafficking, mainly in the early secretory pathway. Contributes to the coupled localization of TMED2 and TMED10 in the cis-Golgi network. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) contains an alternate 3' terminal exon and it thus differs in the 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (b) has a distinct C-terminus and is shorter than isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>