

Product datasheet for **SC319227**

TMED7 (NM_181836) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMED7 (NM_181836) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMED7
Synonyms:	CGI-109; p24g3; p24gamma3; p27
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_181836.3
 CCGACCTCTCAGGCCTTTCCGCTTCTTTTACCTCCCCAGGTCCGCCGCTGCGCC
 CCTCACAGGAAGCCGAGGGTCGCTCTGATCCCGAATCTCCACAGGCGTGAACCTGCTC
 TGCTGTGTATCTTTGCGGGGTGGCTGCGCTGAGGCGTCCCGCGCGCGGTGAGTCCGCGC
 AGACCTGACCTGCGTCTCGCAGCTCGGTTGAGGCCGCCGCCCTTCTCGGGATGCCGC
 GGCCGGGGTCCGCGCAGCGCTGGCGGCCGTGCGGGGCCGTTGGGGTGCAGGCTGCTCG
 CACTGCTGCTACTGGTGCCTGGACCCGGCGGCTCTGAGATCACCTTCGAGCTTCCTG
 ACAACGCCAAGCAGTGCTTCTACGAGGACATCGCTCAGGGCACCAAGTGACCCCTGGAGT
 TCCAGGTGATTACTGGTGGTCACTATGATGTAGATTGTCGATTAGAAGATCCTGATGGTA
 AAGTGTATACAAAGAGATGAAGAAACAGTATGATAGTTTACCTTCACAGCCTCCAAAA
 ATGGGACATACAAATTTTCTTACGCAATGAATTTTCTACTTTCACACATAAACTGTAT
 ATTTTGATTTTCAAGTTGGAGAAGACCCACCTTTGTTTCTAGTGAGAACCGAGTCAGTG
 CTCTTACCCAGATGGAATCTGCCTGTGTTTCAATTCACGAAGCTCTGAAGTCTGTCATCG
 ATTATCAGACTCATTTCCGTTTAAAGAGAAGCTCAAGGCCGAAGCCGAGCAGAGGATCTAA
 ATACAAGAGTGGCCTATTGGTCAGTAGGAGAAGCCCTATTCTTCTGGTGGTTAGCATAG
 GGCAGGTATTTCTTTGAAAAGCTTTTCTCAGATAAAAGAACCCACCAACTCGTGTTG
 GATCATAACTACGTTTGAAGATTGATGCACCATTGCCACTGTAATATTGCTGTCCTCTA
 ATTAATTTTAGGTACTGAAGAACTTAATATTGGCAACATTTTAAATCCTTACTCATACA
 CTTGTTGGGAGGGATGTACAATGCATATCCCAAAGTGTGAAAGGACACCTTTTTTTAT
 TTGTAAGGTGAAAAAATTTGGAATCATTTTGGGCTATTATGTTAAATATTCAACAC
 CAATGATCTACTCTGTTGCGAGTTGTTTATCTACTCTTCGCACACTAACTTTGGTAT
 TTTGATTCCTTTAACCATTAAAGACTACTTTTCTATAGGTAGTTGATATTTAAAAAC
 TTTAGATTTAATGTCTACATGTGTTAGGGAGGAAGAAAATTCCTTTTAAATTGTTAATAA
 GAAAACCAAATGTGATGAAGTGTAGCCCAAGCCCTATTCTGCACTGTTTCAGTTTTATGGA
 GGAAAAATAAATCTACCATAGGAATGTTAGTTAATATTGATATATCATGGTAAAAATTGAT
 TTCTCACTAGCTTAGAAAATGTCAGACTTTTGTGTTTGGGGTTTATAATTTAAACCAGCT
 ATGCTATTTTTTCATAAAGGCATTTGTAGTACACAGAAAACAGTAGTTTCAGTAGTGTA
 AAGAGTTTATACAGGCCTTAAATATCAGACTTTGTAAACAGGTAGAAAATTTACAGAATAA
 TTTAAGACACTACAATGGGGCAAATGAAATAGGAAAAATTTTAGTGAGTTACACGTA
 CATTACATTTTCAGTGCTTTTACAAGGAAAAAAGGTGATATGTTAATTTTAAAAATTTA
 ATTGGCTAGCTCTTGGCCTTATGACTTTAATGTCTGTGAGTCATTCCAGCTTAAATT
 AACAAATTGTTAGTATTAGTCTCACATAAGTGCCATACATTTTATCCTCATGGATGTGA
 TGCACTGAAAAGTTAGTTGCTCTCTTTTTTTCTTTTTTTGTGCGTGCAATTTTATTTCT
 GTAGTTTCTGGTTAGCTACCCCTAAAGTGATTTAAAAATTTAGAATGCTTTGTGTTTCTA
 TTTGGTAATCTTCATTGACTTTTCTTTAGTTAATGAGTATTAAATAGTGCAATTTCTGTA
 GACTATAGGGTTTACATTGTGTTGCATCTTATACTTGTATAGATTGAGCTGATTGAAAT
 AAGATTTTGTTCGAAGTATTATCTGATAGAATACAAGATGATTCAAAATTATATAGATAT
 TTAAGCTTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_181836

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).

OTI Annotation: 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.

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:	<u>NM_181836.3, NP_861974.1</u>
RefSeq Size:	3587 bp
RefSeq ORF:	675 bp
Locus ID:	51014
UniProt ID:	<u>Q9Y3B3</u>
Cytogenetics:	5q22.3
Protein Families:	Transmembrane
Gene Summary:	Potential role in vesicular protein trafficking, mainly in the early secretory pathway. Appears to play a role in the biosynthesis of secreted cargo including processing and post-translational modifications.[UniProtKB/Swiss-Prot Function]