

Product datasheet for **SC127293**

TIMM17A (NM_006335) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TIMM17A (NM_006335) Human Untagged Clone
Tag:	Tag Free
Symbol:	TIMM17A
Synonyms:	TIM17; TIM17A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127293 sequence for NM_006335 edited (data generated by NextGen Sequencing)

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ATGGAGGAGTACGCGGAGAGCCTTGCCCATGGCGAATTGTGGATGACTGTGGTGGGGCC
TTTACGATGGGTACCATTGGTGGTGGTATCTTTCAAGCAATCAAAGGTTTTCGCAATTCT
CCAGTGGGAGTAAACCACAGACTACGAGGGAGTTTGACAGCTATTAACCAGGGCTCCA
CAGTTAGGAGGTAGCTTTGCAGTTGGGGAGGGCTGTTTTCCATGATTGACTGTAGTATG
GTTCAAGTCAGAGGAAAGGAAGATCCCTGGAAGTCCATCACAAGTGGTGCCTTAACGGGA
GCCATACTGGCAGCAAGAAATGGACCAGTGGCCATGGTTGGGTCAGCCGCAATGGGTGGC
ATTCTCCTAGCTTTAATTGAAGGAGCTGGTATCTTGTGACAAGATTTGCCTCTGCACAG
TTTCCAATGGTCTCAGTTTGCAGAAGACCCCTCCAGTTGCCTTCAACTCAGTTACCT
TCCTCACCTTTTGGAGACTATCGACAATATCAGTAG
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Clone variation with respect to NM_006335.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_006335 unedited GTTCCGTCAAATATTTGTATACGACTACTATAGGCGGCCGCGTTGNGATCAANATGGAG GAGTACGCGCAGAGCCTTGCCCATGGCGAATTGTGGATGACTGTGGTGGGGCCTTTACG ATGGGTACCATTGGTGGTGGTATCTTTCAAGCAATCAAAGTTTTTCGCAATCTCCAGTG GGAGTAAACCACAGACTACGAGGGAGTTTGACAGCTATTAACCAGGGCTCCACAGTTA GGAGGTAGCTTTGCAGTTTGGGGAGGGCTGTTTTCCATGATTGACTGTAGTATGGTTCAA GTCAGAGGAAAGGAAGATCCCTGGAACCTCCATCACAAAGTGGTGCCTTAACGGGAGCCATA CTGGCAGCAAGAAATGGACCAGTGGCCATGGTTGGGTCAGCCGCAATGGGTGGCATTCTC CTAGCTTTAATTGAAGGAGCTGGTATCTTGTGACAAGATTTGCCTCTGCACAGTTTCCC AATGGTCTCAGTTTGCAGAAGACCCCTCCAGTTGCCTTCAACTCAGTTACCTTCTCTCA CCTTTTGGAGACTATCGACAATATCAGTAGGACTTCTTCTAGGATTTCTTTAACAGAA CGAGTTGTGGTTCGAGAAGGATTCAGAAGATCAAGTTACAGTCTGTTTTTAAACCATA NGTGGGACAGCTATGGCCAATAGGCTATAAAGAGACATTTAGCACTTTGTTCTATTTAAA GGAACAAGCGGGGAAGGGTGCTAAAAGAAATACGTTTATTTTACACTGAATTGCAT TTGTGATCAAATAAATGTTAAATCGCTAAGGAAAATCAGTAAGTGCTTGAAGATGAAGG ACCAAGGCCAAAAACATGGAATATGATCATTATCTCCTGCGGACT
Restriction Sites:	NotI-NotI
ACCN:	NM_006335
Insert Size:	2150 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).
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:	NM_006335.1 , NP_006326.1
RefSeq Size:	1645 bp
RefSeq ORF:	516 bp
Locus ID:	10440
UniProt ID:	Q99595
Cytogenetics:	1q32.1
Domains:	Tim17
Protein Families:	Transmembrane

Gene Summary:

Essential component of the TIM23 complex, a complex that mediates the translocation of transit peptide-containing proteins across the mitochondrial inner membrane.
[UniProtKB/Swiss-Prot Function]