

Product datasheet for **SC116167**

TIMM23 (NM_006327) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TIMM23 (NM_006327) Human Untagged Clone
Tag:	Tag Free
Symbol:	TIMM23
Synonyms:	TIM23
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_006327, the custom clone sequence may differ by one or more nucleotides

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ATGGAAGGAGGCGGGGAAGCGCAACAAAACCACAGGGGATTGGCCGGCTTTTTCGGAGCCGGCGGAG
CAGGTTACTCGCACGCGGATTTGGCTGGCGTCCCCTAACTGGTATGAACCCTCTGTCTCCTTATTTAAA
TGTGGATCCACGATACCTCGTGCAGGATACAGATGAGTTTATTTTACCTACCGGAGCTAATAAAACCCGG
GGCAGATTTGAGCTGGCCTTCTTTACGATTGGAGGATGTTGCATGACAGGGGCTGCGTTTGGTGCAATGA
ATGGTCTTCGGCTAGGATTGAAGGAAACCCAGAACATGGCCTGGTCCAAACCAAGAAATGTACAGATTTT
GAATATGGTGACTAGGCAAGGGCACTTTGGGCTAATACTCTAGGTTCTCTGGCTTGTCTATAGTGCA
TTTGGTGTCATCATTGAGAAAACACGAGGTGCAGAAGATGACCTTAACACAGTAGCAGCTGGAACCATGA
CAGGCATGTTGTATAAATGTACAGGTGGTCTTCGAGGGATAGCACGAGGTGGTCTGACAGGACTAACCT
TACCAGCCTCTATGCACTATATAAATAACTGGGAGCACATGAAAGGCTCCTTGCTCCAACAGTCACTCTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_006327 unedited
 GAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGGAAGGTCAGCGTGTGAA
 GTAGGCGCTGGCAACGCGGGGTTACCCGCTGTTATTGAGGAGTAACGGCCAGCGGACCA
 CCCAGGCTTGAGGCAGCGCGGGGAACCACTCGGTTTGTGCGATACCATGGAAGGAGGCG
 GGGGAAGCGGCAACAAAACACAGGGGGATTGGCCGGCTTTTCGGAGCCGGCGGAGCAG
 GTTACTCGCACGCGGATTTGGCTGGCGTCCCGCTAACTGGTATGAACCCTCTGTCTCCTT
 ATTTAAATGTGGATCCACGATACCTCGTGCAGGATACAGATGAGTTTATTTTACCTACCG
 GAGCTAATAAAACCCGGGCAGATTTGAGCTGGCCTTCTTTACGATTGGAGGATGTTGCA
 TGACAGGGGCTGCGTTTGGTGAATGAATGGTCTTCGGCTAGGATTGAAGGAAACCCAGA
 ACATGGCCTGGTCCAAACCAAGAAATGTACAGATTTTGAATATGGTACTAGGCAAGGGG
 CACTTTGGGCTAATACTCTAGGTTCTCTGGCTTTGCTCTATAGTGCATTTGGTGCATCA
 TTGAGAAAACACGAGGTGCAGAAGATGACCTTAACACAGTAGCAGCTGGAACCATGACAG
 GCATGTTGTATAAATGTACAGGTGGTCTTCGAGGGATAGCACGANNGTGGTCTGACAGGA
 CTAACACTTACCAGCCTCTATGCACTATATAAATACTGGGAGCACATGAAAGGCTNCTTG
 CTNCACAGTCACTCTGAAGAATTTTGCCACTCATGATGGANGACTNCAGTAGTCTNCT
 AGATCCTTTTATAAGAAGTTTGGNATTATTNCTCTCTNCNCTACCTANCANTAGTTNGAA
 AAATNNGAGATTNNTGATCGCTGTGAGGAATNCTGNAGGCTGA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_006327 unedited
 GGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTCTGTTTTTACCCTTTATTTGGA
 ATACAGTGCAACATTACAGTTTTGGATCATTAAATGAATGGACTTGGTGATATAGTACTA
 ACAAGCACGACCTGAATTCTGGGAGTAAGTGGTTTTCTAGTTCATGGGGAGGAAAACAG
 ATACGTGCAAGATCTCCAGAGGAGAACAGAACCATGGTACTCAGTGAGTCAACAAAGGGC
 TTTGGCTTCAACTCACTAATGGCTGGAACAAGTCCAGTCTTGGTCAGCCATCCAGGATT
 TTCATCACAGCAAAATCAAATCTCCAATTTTTCAAATAATTGTAGGTAGAAGAGAGAGA
 ATAACCTCAAACCTGTCTTATAAAAGGATCTAGATGACTACTGAAGTGTCTCCATTCATG
 AGTTGGCAAAATCTTCAGAGTACTGTTGGAGCAAGGAGCCTTTTCATGTGCTCCAGTTA
 TTATATAGTGCATAGAGGCTGGTAAGTGTAGTCTGTGACAGACCCTCGTGCTATCCCT
 CGAAGACCACCTGTACATTTATAACAATGCCTGTCATGGTCCAGCTGCTACTGTGTTA
 AGGTCATCTTCTGCACCTCGTGTCTCAATGATGACACCAAATGCACTATAGAGCAAA
 GCCAGAAACCTAGAGTATTAGCCCAAAGTGCCCTTGCCTAGTCAACATATTCAAAATC
 GTACATTTCTTGGTTTGGACCAGGCCATGTTCTGGGTTTCTTCCATCCTAGCCGAGAA
 CATTTCATTGCACCAAACGAGCCCTGTGATGCCACATCCTCCAATCGTAAAGAAAGCCA
 GCTCAAATCTGCCCCGATTTTATAACCTCCCGTAGNTAAATAAACTCATCTGTATCCC
 CTGCACGAGTATCGTGGNATCCCATTATNTAGGCAGACGNAGGGTCATACCATNTTAG
 CGGAACCCAGCCANATCGCGTGCAGTAACCTGCTCGCCGC

Restriction Sites:

NotI-NotI

ACCN:

NM_006327

Insert Size:

1210 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:

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_006327.2](#), [NP_006318.1](#)

RefSeq Size: 1182 bp

RefSeq ORF: 630 bp

Locus ID: 100287932

UniProt ID: [O14925](#)

Cytogenetics: 10q11.22

Gene Summary: The protein encoded by this gene is part of a complex located in the inner mitochondrial membrane that mediates the transport of transit peptide-containing proteins across the membrane. Multiple transcript variants, one protein-coding and others not protein-coding, have been found for this gene. [provided by RefSeq, Jul 2012]
Transcript Variant: This variant (1) is the protein-coding transcript.