

Product datasheet for SC115361

TIMM13 (NM_012458) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TIMM13 (NM_012458) Human Untagged Clone
Tag: Tag Free
Symbol: TIMM13
Synonyms: ppv1; TIM13; TIM13B; TIMM13A; TIMM13B
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_012458 edited
 ATGGAGGGCGGCTTCGGCTCCGATTTCCGGGGCTCCGGCAGCGGAAGCTGGACCCAGGG
 CTCATAATGGAGCAGGTGAAAGTGCAGATCGCCGTGGCCAACCGCAGGAGCTGCTGCAG
 AGGATGACGGACAAGTGTTCGGAAAGTATAGGAAACCTGGGGGCTCCCTGGACAAC
 TCCGAGCAGAAGTGCATCGCCATGTGCATGGACCGCTACATGGACGCTGGAACACCGTG
 TCTCGCGCTACAACCTCGCGGCTGCAGCGGGAACGAGCCAACATGTGA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_012458 unedited
 GTATTTTGTAAATACGACTTCACTATAGGGCGGCCGGAATTCGCACGAGGCGGCCTCGGT
 CCGGTTGACTTTGCGGAGCCATGGAGGGCGGCTTCGGCTCCGATTTCCGGGGCTCCGGCA
 GCGGGAAGCTGGACCCAGGGCTCATAATGGAGCAGGTGAAAGTGCAGATCGCCGTGGCCA
 ACGCGCAGGAGCTGCTGCAGAGGATGACGGACAAGTGTTCGGAAAGTATAGGAAAC
 CTGGGGGCTCCCTGGACAACCTCCGAGCAGAAGTGCATCGCCATGTGCATGGACCGCTACA
 TGGACGCTGGAACACCGTGTCTCGCGCTACAACCTCGCGGCTGCAGCGGGAACGAGCCA
 ACATGTGACCGGGCAGCGCGGGCCACCCACCCTGTTCAATTTCCATAAACGTGCTTTGAG
 AGGCGGGTCCGCATGTACGTACTGCCTGCCCGGGCTTAGGAGGGTGGCACCAGTGCAGT
 GGACACACGGGACTGTGCTCCTCGCCACCCCGCCCTGCCCTGCCAGCCAGTGCAGCT
 TGGATCTCGGGGTGTGGGGCCCTGTGCCTTCTGAAGTGTGGCAGCCAGTGGCACCT
 CCTTCAGGCCTTTGGGGTATTCCCTAGTGTGCCAAGTCAAGCTCATATTCTGGGCGGA
 CAGCTTGTCTGGACTTCGGAGTTGGGGGTGGTCAGACACCACAGGAGCTGTACCTCCTG
 CGGATGGGCAAATAAATTGGTGGAGGACGGAAAAAAAAAAAAAAAAAAGTCTGACTCTAGATT
 GCGGCCGCGGTATAGCTGTTTCTGAACAGATCCCGGGTGGCATCCCTGTGACCCTCC
 CCAAGTGCCTCTCCTGGCCCTGGNAAGTGCCTCCAGTGCACCAGCCTTGTCTAATAAA
 TTAAGTGCATCATTTGTCTGACTAGGTGCCTCTATATATATGGGTGAGGGGGGGGGTGT
 TTTTGGAAACAGGCGCAAGTTGGAAA



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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_012458 unedited CTTGCACGCGCCGCATTCTANATCGAGTTTTTTTTTTTTTTTTTTTTTCCGTCTCCCAAT TTATTTGCCCATCCGAGGAGGTGACAGCTCCTGTGGTGTCTGACCACCCCAACTCCGA AGTCCAGACAAGCTGTCCGCCAGAATATGAGGCTACTCTTGGGCACACTAGGGGAATAC CCCAAAGGCCTGAAGGAGGTGCCACTGGGCTGCCAGCACTTCAGGAAGGCACAGGGCCCC ACACCCCGAGATCCAAGCTGCACTGGCTGGCAGGGGGCAGGGCGGGGGTGGCGAGGAC ACAGTCCCGTGTGTCCCAGCACCCGGTCCACCCCTCCTAAGCCCCGGGCAGGCAGTACGTA CATGCGGACCCCGCCTCTCAAAGCACGTTTATGGAATGAACAGGGTGGGGTGGCCGCG CTCGCCGGTACATGTTGGCTCGTTCGCCCTGCAGCCGCGAGTTGTAGGCGCGAGACACG GTGTTCCAGGCGTCCATGTAGCGGTCCATGCACATGGCGATGCACTTCTGCTCGGAGTTG TCCAGGGAGCCCCAGGTTTCCCTATACACTTCCGAAACACTTGTCCGTCATCCTCTGC AGCAGCTCCTGCGGTTGGCCACGGCGATCTGCACTTTCACCTGCTCCATTATGAGCCCC TGGGTCCAGCTTCCCGCTGCCGGAGCCCCGAAATCGGACCCGAACCCGCCCTCCATGGC TCCGCAAATCAACCGGACCGAGGCGCCCTCGTGCCGAATTCGCGGCGCCCTATAGTGA GTCGTATTACANAATTCTGACGGTCCACTAAACGAGCTCTGCTTATATAGACCTCCCACG TACACGCCTACCGCCATTGCGTAACCGGGCGGGTTTATACGACATTTTGAAGTCCCG TTGATTTTGGTGCAAAACAACCTNCCATTGCAGTCAGGGGTGCAGACTTGAATCCGGCGA GCAAACGCT
Restriction Sites:	NotI-NotI
ACCN:	NM_012458
Insert Size:	730 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:	<u>NM_012458.2</u> , <u>NP_036590.1</u>
RefSeq Size:	1977 bp
RefSeq ORF:	288 bp
Locus ID:	26517
UniProt ID:	<u>Q9Y5L4</u>
Cytogenetics:	19p13.3
Domains:	zf-Tim10_DDP

Gene Summary:

This gene encodes a member of the evolutionarily conserved TIMM (translocase of inner mitochondrial membrane) family of proteins that function as chaperones in the import of proteins from the cytoplasm into the mitochondrial inner membrane. Proteins of this family play a role in collecting substrate proteins from the translocase of the outer mitochondrial membrane (TOM) complex and delivering them to either the sorting and assembly machinery in the outer mitochondrial membrane (SAM) complex or the TIMM22 complex in the inner mitochondrial membrane. The encoded protein and the translocase of mitochondrial inner membrane 8a protein form a 70 kDa complex in the intermembrane space. [provided by RefSeq, Jul 2013]