

Product datasheet for **SC214058**

TIMM13 (NM_012458) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TIMM13 (NM_012458) Human 3' UTR Clone
Symbol:	TIMM13
Synonyms:	ppv1; TIM13; TIM13B; TIMM13A; TIMM13B
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_012458
Insert Size:	1353 bp



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Insert Sequence: >SC214058 3'UTR clone of NM_012458
The sequence shown below is from the reference sequence of NM_012458. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGGCTGCAGCGGGAACGAGCCAACATGTACCGGCGAGCGCGGGCCACCCACCCTGTTTCATTTCCTATA
AACGTGCTTTGAGAGGCGGGGTCCGCATGTACGTACTGCCTGCCCGGGGCTTAGGAGGGTGGCACCGGT
GCTGGGACACACGGGACTGTGTCTCGCCACCCCCGCCCTGCCCTGCCAGCCAGTGCAGCTTGAT
CTCGGGGGTGTGGGGCCCTGTGCCTTCTGAAGTGTGGCAGCCAGTGGCACCTCTTCAGGCCTTTG
GGGTATTTCCCTAGTGTGCCAAGTCAGCCTCATATTCTGGGCGGACAGCTTGTCTGGACTTCGGAGTT
GGGGTGGTCAGACACCACAGGAGCTGTACCTCTCGGATGGGCAATAAATTGGTGGAGGACGGAG
AGAAACCTCTTTATTTCCCTCTGAGGGGTCTCTGGGAAGAGGTACGCGTGTCCCTGGAACCCAGCT
CGGAGGGTCTCAGCCTCCCTGGGTGGGAGAAGTCCATCTTTCCCTTAGTGCCACCGGGCTGCTGAG
TCACGAGGAATGTGTGTGCTGCCACCCTGCCCAAAGGCTAAGGGGGACAGCCTTCCCTTGTGAG
GGCTTGCTTTGACCTGCTTCGTTCCACCCGGGTCTGGTGGAGCACCAGGCGAGTGGTCTCGTGT
GACACTGAGGTGCTGAGCCAGTGAGCTAGGGTGGAGGGGCTGTGTTTATTGGAACAAAGGTGGTACCA
AAATGCATCCCCATGACCACAGCCCCCACACCCGTCCTTGGGTAGGGTACGGTGGGGTGGGGTGT
GGGTGGCTGCTGCTCTGTGCTTTCAGTAGAGTCTCGGCCTGGGAGTACGTGGTGGTCACTCCT
GGATGTGCTGTCTATCCAGCCTCTCAGCTGCCACCCGGGTATAGACACCTGGGAAGTGGGGCCGGC
CACAGCCATAGCCCCAGTAGTGACCCAGTTAGCACCCACCGTCCAGAGGGCTCCCTGCAGGCCAGGG
GTCCCCCAGCGTCACCTGTTGGGGAGAGAAGAAAGGGGTTAGAGGCCGGTACCTCCCTACAGCAG
CCCTTGGGTCAATTGGCCCTCTAGGAGTGACCCTAGTGACTTCCCTGGGAGCCGCATTTTCACTATCT
GGAAAATGGGCTCAATGCAAAGGTGGCAGACATTTATGGACACCCGCCACGTGGTCCCGGAGTGGACG
GTGCTCCCACTGCAGCCTCTGCTGCTGCTGCCGCCGAGGCCGGGGATGGGATGCGGTGGGTGGCCCA
ATAAACGGCTGTGGAGTGGAAATTCCTCCAGAGCCAAAAAGG
AGCGGACCGACTTACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCC
CAACCTGCCATCACGAGATTTGATTCCACCGCCGC
  
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Restriction Sites: SgfI-RsrII

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_012458.4](#)

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]

Locus ID:

26517

MW:

47.1