

Product datasheet for **SC212205**

TIMM50 (NM_001001563) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TIMM50 (NM_001001563) Human 3' UTR Clone
Symbol:	TIMM50
Synonyms:	MGCA9; TIM50; TIM50L
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001001563
Insert Size:	1106 bp
Insert Sequence:	>SC212205 3' UTR clone of NM_001001563 The sequence shown below is from the reference sequence of NM_001001563. The complete sequence of this clone may contain minor differences, such as SNPs. Red =Cloning site Blue =Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

CCTCACCAGCCGCTTGTGGCCTCGTCCAAACAGCCC**TGA**ACTCTGGGCCTCCTCAAACCTCAGTGCCTGG
GTCCAGGGCCCCAGTGTTCAGACCAAGACTTGGGCCACCACTTGTCCAATAAAGTACATCCCAGACGC
CACACCTGCTGTGTCCCAGAGTCTCCAGATGGGGGCATCAGGGTGAGGTCCGGGACTCTTGGGTCATCG
TCCCACAGTGGCTGATCGGCTGCCAAGCACAGTGGGGGTGCTTTGTTGGATCAGAGCAGATTTTTCACCC
TGGTCTCGGAATCTAAAAACCTCGCTGTGTCTTCTGTGTGTTGCGTGATCTGTGAAAAATACATCTCC
CTCTGACCACAGACTCCTCATCTGTGGAGAAGGGAAGAGAGGATGGCACTTGGCTTTAAAGACAGGTAGC
TGCCAGGCTACTGTGGAGAGAATGTGTTATGGGCCTAGTGGGCCTCTGGTGGACCAGAGATTACCCTCT
CAACAGGCCAGCTGTGGTTGGCTCCAGCCAGTGTGGCCCTGGGGTAAAGGGGGCCTGGAGTTGCTTGAC
ACGCCAGTTGTTCAAAGAAGCAAGAAGTGGGAATATTTTTTTTTTTTTTTTGGACAGGGTCTCACTG
TTGCCAGGCTGGAGTGCATTGATGTGATCTTAGCTTACAACAGCCTTGACCTCCCGGCTCAAGTGATCT
CCAAGTGACCCCTCCTGCCTCAGCCTCCTGAGTACCCTCCTGGGGACTACAGGTGGTGTCTACCATACCCA
GCTAATTTAAACAAATTTTTTTTTTTGTAGAGATGGGGTCTTGGTGCCCAAGCTGGTCTCAAACCTCTAGT
CTTAAGCAATCTTCTGCTTTGGCCTCCCAAGGCGCTGGGATTCCAGGTGTGAGCTACTGTGCCAGCTA
AAATAGGGATTTTATATTAATCTCCCTATTTTAAAATGTTGGCTCCTAGCGGGGCGCAGTGGCTCAGC
CCTGTAATCCCAGCACTTTGGGAGGCTGAGGTGGTGGATCGCCTGAGGTGAGGAGTTCAAGACCAGCCT
CAACATGGAGAAACCCCATCTCTGCTAAAAATACAAAATTAGCTGGGCGTGGTGGGA

ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCG



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Restriction Sites:	Sgfl-Mlul
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_001001563.1
Summary:	This gene encodes a subunit of the TIM23 inner mitochondrial membrane translocase complex. The encoded protein functions as the receptor subunit that recognizes the mitochondrial targeting signal, or presequence, on protein cargo that is destined for the mitochondrial inner membrane and matrix. This protein may also play a role in maintaining the membrane permeability barrier, and knockdown of this gene in human cells results in the release of cytochrome c and apoptosis. [provided by RefSeq, Jul 2016]
Locus ID:	92609