

## Product datasheet for **SC204751**

### Mitofilin (IMMT) (NM\_001100169) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Mitofilin (IMMT) (NM_001100169) Human 3' UTR Clone
Symbol:	Mitofilin
Synonyms:	HMP; Mic60; MICOS60; MINOS2; P87; P87/89; P89; PIG4; PIG52
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001100169
Insert Size:	362 bp
Insert Sequence:	>SC204751 3'UTR clone of NM_001100169 The sequence shown below is from the reference sequence of NM_001100169. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA <b>GCGATCGCC</b> ATAGGAACCACTCAGGTGCAGCCAGAG <b>TGA</b> GGTTTAGGAAGATTTTCATAAAGTCATATTTTCATGTCAA AGGAAATCAGCAGTGATAGATGAAGGGTTCGCAGCGAGAGTCCCGGACTTGTCTAGAAATGAGCAGGTT TACAAGTACTGTTCTAAATGTTAACACCTGTTGCATTTATATTCTTTCCATTTGCTATCATGTCAGTGA ACGCCAGGAGTGCTTTCTTTGCAACTTGTGTAACATTTTCTGTTTTTTTCAGGTTTTACTGATGAGGCTT GTGAGGCCAATCAAATAATGTTTGTGATCTCTACTACTGTTGATTTTGCCTCGGAGCAAACCTGAATA AAGCAACAAGATGAAAA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
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\\_001100169.2](#)

**Summary:** Component of the MICOS complex, a large protein complex of the mitochondrial inner membrane that plays crucial roles in the maintenance of crista junctions, inner membrane architecture, and formation of contact sites to the outer membrane. Plays an important role in the maintenance of the MICOS complex stability and the mitochondrial cristae morphology (PubMed:22114354, PubMed:25781180).[UniProtKB/Swiss-Prot Function]

**Locus ID:** 10989

**MW:** 13.6