

Product datasheet for **SC212955**

Mitofusin 1 (MFN1) (NM_033540) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Mitofusin 1 (MFN1) (NM_033540) Human 3' UTR Clone
Symbol:	Mitofusin 1
Synonyms:	hfzo1; hfzo2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_033540
Insert Size:	2000 bp



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Insert Sequence: >SC212955 3'UTR clone of NM_033540
The sequence shown below is from the reference sequence of NM_033540. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
TTTCTACCTTCAAGCAATGAAGAATCCACAATAGAGATTGCTTTGGTGACCATGATAGGAGGAAACG
AAACTTGTAAAGATTGGAACAGTTGTTATTTTATGAAATTACTTTAAATATGAATTGTACTAACTGTAC
CTAAATAGCAAAGCCCTGTGTAGATTCTGGTAATGATCTGTCTCAGGGTATGTGTATTTTGAAGAGTG
TTATGTCCTTAGTTTTAATTTTGAAGTAAAGAAAAGGCTAAATCATGAATTAGTTACAAGCAACAGTAC
CAACTTATGTGACCCCTGAGGGGTGGGGCTGTGAGCTCTTAATTTGTTTTGATTCTGAAAACTCTGC
TTCCTGGCATCCAGGAGTTAGAGATTGAGCCTTTCATCTTCTTCTCAAACTAGTTTTTGATGCTTTC
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CCTTGAGTGTATTATTTATGCAAGTCACAGTCACGTTGCCATCATGGCAGCTATGTGAAACACTAATAA
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TAAGTATCTGGGTCTAAGTAATTTCTTAGATGTTTCTAAAGAAACATTTTCAGCTTTGCTCCCATTAT
GATTCCAATAAGGAACGCTTTTCTAGTGAATTTTAGGAGTAAAGTTTGAAGAGATAAAATAGCCAAA
GATAGGAGACGTCTGAATTTTGAATGATAAACAGTGATGTTTTAAAAAGCTGTTGTTCTTCAGGAGGC
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CCTTTATATGAAAGTACTTAAGCTTGAAGTTTCAATAGTTTGGTATCACCTCATTAGTATAGTACAG
TGGTTCTCAAAGTTTGGTCTGGGTCTCGACATTACTTCTTTTCTTTCTGAGACAGGGTCTCAGTCT
GTCACCCAGGATGGAGTGCAGTGGCGTGATCATGGCTCACTGCAGCTCAACCTCTCGGGTTCAGGTGA
TCCTCCACATCAGCCTCCTGGTGGCTGGGACTACAGGCACACGCCACCATGCCTGGCTAGTTTTTG
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_033540.3](#)

Summary: The protein encoded by this gene is a mediator of mitochondrial fusion. This protein and mitofusin 2 are homologs of the Drosophila protein fuzzy onion (Fzo). They are mitochondrial membrane proteins that interact with each other to facilitate mitochondrial targeting. [provided by RefSeq, Jul 2008]

Locus ID: 55669

MW: 78.1