

Product datasheet for **SC208894**

MDFI (NM_005586) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: MDFI (NM_005586) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: MDFI
Synonyms: I-MF; I-mfa
ACCN: NM_005586
Insert Size: 699 bp
Insert Sequence: >SC208894 3'UTR clone of NM_005586
The sequence shown below is from the reference sequence of NM_005586. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGTGCTGTGGGCTCTGCTTCTCCTCTGAGCCTCTGTGCGGGGCTAAGCCAGCCTGGCGCCCTGCAG
ATTCCAGCAGGGTCCCTCTGAGTGGGGCCAGGCCAGGACTGTACACAAGGCTTGAGAAGCCCCCTCT
CCCTGGTCTCTCTACCCACCCATGTCCTCTCAGAACCCAGCCTTGAAAATAGTGGGGGCACCTCAG
AGGGGCCACCTCCTCAGCCGTGGGTGGTGGGCCATGGCAGAGAAGCCTGAACTCTTTACTGGGTTACC
AGGTTACATACATTGCTGAGGACCTGACAGGACAACCTAGGGGCAGGGCTGGGTGGGGACCGCAGGGGG
CAGCCAGGGCTGGGGAACACTGTGAAAGTTACTTGGGGAGGGTGGGCCGGTGGGGCCGTAGCTCTCTAC
CTCTCCCTGCTCCTGGTGCCTCTCTCCTCCACCCAGGCTTAGAGGACAGAAAAATGTGAAGAGA
CGCCCCACCCACCTCAGCCAGCCCTCTCCAGTCTCCTTTCTAGGCTTTTTGGGGCCCTAACCCAGC
CAGTGACCCAGAGGGCAGGGCTAGGCGAGAGCCTGGGGTGGGGCGGAGGGGGAACAGTATGAAAAG
ACTGGAAGGGGAAAGGAAGGGAGGGAGGGTCTGTTCTATCTGTTGCTGTAATAAAGATATTTG
TCCATCTCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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).



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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:	<u>NM_005586.4</u>
Summary:	This protein is a transcription factor that negatively regulates other myogenic family proteins. Studies of the mouse homolog, I-mf, show that it interferes with myogenic factor function by masking nuclear localization signals and preventing DNA binding. Knockout mouse studies show defects in the formation of vertebrae and ribs that also involve cartilage formation in these structures. [provided by RefSeq, Jul 2008]
Locus ID:	4188
MW:	24.6