

## Product datasheet for MC208818

### Mdfic (NM\_175088) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Mdfic (NM_175088) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mdfic
Synonyms:	Kdt1; Mdfid
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208818 representing NM_175088 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCCTGCGCGGGTGAAGCCCTCGCTCCCGGGCCCGGGAGCAGCAGTGCCTGGTTCGAGGCGGGCGGG  
GCCGGTGGGCTCCCGGCCACGAAGCATGTAATGAGGACAATACGGAGAAAGATAAAAGGCCAGCTAC  
CAGTGGCCATACCAGGTGTGGGCTGATGCGGGACCAGTCCATTTGGCCAAATCCTTCAGTGGTGAACCT  
GTCAGAACCCAACCTGAACGTCTGCCTCAACTCCAGACATCAGCACAGGAACCCGGCAAGGAGGAAACAG  
GCAAGATAAAGAATGGCGGCCACACAAGGATGAGCAATGGGAATGGAATTCCTCACGGAGCCAAACATGT  
GTCCGTGGAGAATCAACAAGATATCAGCCCCGTTTCTCAGAAGATGCACAGAAAAATCCAGTCCAGCTTG  
TCTGTAACAATGACATCAGTAAGAAGAGTAAAGTAAATGCTGTCTTTCCCAAAGCAGCCTCCTCAC  
CCGAAGACTGCTGTGCCACTGTATCCTGGCATGCTTGTCTGTGAATTCCTGACCTCTGCAACATTGT  
CCTGGGACAAGCTTCGTGTGGCATCTGCACCTCCGAAGCCTGCTGCTGTTGCTGTGGCGATGAGATGGGT  
GATGACTGTAGCTGCCCTGTGACATGGACTGCGGCATCATGGATGCCTGTTGTGAATCGTCAGACTGTC  
TAGAAATCTGCATGGAATGCTGTGGCATCTGTTTTCTTCA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_175088
Insert Size:	744 bp



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_175088.5</a> , <a href="#">NP_780297.3</a>
<b>RefSeq Size:</b>	3435 bp
<b>RefSeq ORF:</b>	744 bp
<b>Locus ID:</b>	16543
<b>UniProt ID:</b>	<a href="#">Q8BX65</a>
<b>Cytogenetics:</b>	6 A1
<b>Gene Summary:</b>	This gene product is a member of a family of proteins characterized by a specific cysteine-rich C-terminal domain, which is involved in transcriptional regulation of viral genome expression. Alternative translation initiation from an upstream non-AUG (GUG), and an in-frame, downstream AUG codon, results in the production of two isoforms, which in human have been shown to have different subcellular localization. [provided by RefSeq, Jul 2008]