

## Product datasheet for RN203290

### Mif1 (NM\_001107680) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Mif1 (NM_001107680) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mif1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203290 representing NM_001107680 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTTCCGGATGTTGAGCAGCAGCTTTGAGGACGACCCCTTCTTCGCAGATTCTTTTCTGCACACCGAG  
AAAGTATGCGTAACATGATGAGAAGTTTCTCTGAACCTCTTGAAGAGACTTGCTCAGTATCTCTGATGG  
TAGAGGAAGAACCATAATCGTAGAGAACGTGATGATGGTGAAGACTCCTTAAGTCAACAAATTTTCT  
CTTGTGCCTTTTGGGAGGTTTGGCGGAATGCATGCAGATGTCAACCCTTTTCAGACAATGGATCGGATGA  
TGGTAAATATGAGAAACAGTATACAGGAGTTACAAGAAACTTTGGCCAGCTTTCAATGGATCCAAATGG  
GCATTCGTTTTGTTCTTCTCTGTTATGACCTATTCCAAGTAGGAGATGAACCACCAAAGTTTTCCAG  
GCTGCAACTCAAACCGTAGGGCTCCAGGAGGAGTAAAAGAAACCAGAAAAGCGATAAGAGATTCTGACA  
GTGGACTAGAAAGAAATGGCTGTCGGTCATCATATCCATGACCGAGCTCATGTATTAGAAAGTCAAAGAA  
CAACAAGACTGGAGATGAAGAGGTCGACCAGGAGTTCAATATGAATGAAAGCGATGCTCATGCTTTC  
GACGATGAGTGGCAAAATGAAGTTCTGAAGTACAAGCCTATTGGCCGATCAGGAAACACTGGAATGCGAA  
ACGTGGATCATGAGCATCTAGGGTCACGGGAACAAAAGGAGAGAGAAAATTCATCGAAATCAACCAT  
TGAGAGTGAAGAAGAGCAAACATTTTTGTGGACAACTCAATGTCAAAGGATCACCTGTGAAAATCACC  
AAAAATAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001107680
Insert Size:	849 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>	<u>NM_001107680.1, NP_001101150.1</u>
<b>RefSeq Size:</b>	1112 bp
<b>RefSeq ORF:</b>	849 bp
<b>Locus ID:</b>	310483
<b>Cytogenetics:</b>	2q32