

Product datasheet for **SC336773**

MIER3 (NM_001297598) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MIER3 (NM_001297598) Human Untagged Clone
Tag:	Tag Free
Symbol:	MIER3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC336773 representing NM_001297598.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGCGGAGGCTTCTTTTGGAAAGTTCGAGCCCAGTTTGTTTTATCCAGTTGGGTCTTTGTCTTCTGAG
GATCATGATTTTGACCCACTGCTGAGATGTTGGTCCATGACTATGATGATGAAAGAAGCTTTGAAGAA
GAGGAAATGATGGATGAGGGTAAAACTTCAGTTCAGAAATTGAAGACTTAGAAAAGGAAGAACCATG
CCTCTAGAAGATTTACTGGCATTCTATGGCTATGAACCTACAATTCAGCAGTTGCAAAATCCAGTGCA
AATAGTCCCAAGTGAAGTGGCAGATGAAGTACCAGACATGACACTAGACAAAGAGGAAATAGCAAAA
GACCTGTTGTCAGGTGATGACGAGGAACTCAGTCTTCTGCGGATGATCTGACGCCATCTGTGACTTCC
CATGAACTTCTGATTTCTCCCTAGGCCCTTACGATCAAATACTGCATGTGATGGTGATAAGGAATCA
GAGGTTGAAGATGTTGAAACAGACAGTGGTAATCACCTGAAGATTTGAGGAAGGAAATAATGATTGGT
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CAGGCATTATATGAAGTCTCAAGTGTAAACCACAATATAAAGGAAGCAATCGAAAGATACTGCTGCAAT
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GGCAGTCTCTGCCAACGAGACCAATGGTTTCATCAGTGCCCATGCTCTGCATCAGCACGGCCCTA
CACTCTGAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGCGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001297598

Insert Size: 1668 bp

OTI Disclaimer: 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).

Components: 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).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

RefSeq: [NM_001297598.1](#)

RefSeq Size: 5232 bp

RefSeq ORF: 1668 bp

Locus ID: 166968

UniProt ID: [Q7Z3K6](#)

Cytogenetics: 5q11.2

Protein Families: Transcription Factors

MW: 62 kDa

Gene Summary: Transcriptional repressor.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.