

Product datasheet for **SC317936**

MIER3 (NM_152622) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MIER3 (NM_152622) 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: >SC317936 representing NM_152622.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGCGGAGGCTCTTTTGGAAAGTTCGAGCCCAGTTGGGTCTTTGTCTTCTGAGGATCATGATTTTGAC
CCCACGTCTGAGATGTTGGTCCATGACTATGATGATGAAAGAAGCTTGAAGAAGAGGAAATGATGGAT
GAGGGTAAAAAAGTTCAGTTCAGAAATTGAAGACTTAGAAAAGGAAGGAACCATGCCTCTAGAAGATTTA
CTGGCATTCTATGGCTATGAACCTACAATTCAGCAGTTGCAAATTCAGTGCAAATAGTCCCCCAAGT
GAACTGGCAGATGAACTACCAGACATGACACTAGACAAAGAGGAAATAGCAAAGACCTGTTGTCAGGT
GATGACGAGGAAAGTCTTCTGCGGATGATCTGACGCCATCTGTGACTTCCCATGAAACTTCTGAT
TTCTTCCCTAGGCCTTACGATCAAATACTGCATGTGATGGTGATAAGGAATCAGAGGTTGAAGATGT
GAAACAGACAGTGGTAATCACCTGAAGATTTGAGGAAGGAAATAATGATTGGTTTACAATATCAGGCA
GAGATCCCCCTTATCTGGAGAGTACGATGGTAATGAGAAAGTATATGAAAACGAAGACCAGTTACTT
TGGTGTCTGATGTGGTTTTGGAGAGCAAAGTTAAGGAATACCTTGTGAGACTTCATTAAGGACTGGC
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CTTCTCAAGTGAACCAATATAAAGGAAGCAATCGAAAAGATACTGCTGCAATGGAAAGCCCTCTCAA
GGAATGACTGCATGGACGGAAGAAGATGCCGAAGCTTTGAACATGCACTCATGCTTTTTGGAAAAGAT
TTTCATCTTATACAGAAGAATAAGGTGAGAAGTGGACAGTTGCTGAGTGTGTAGCATTCTACTATATG
TGAAGAAGAACTGAACGTTATGATTACTTTGCTCAACAGACAAGATTTGGGAAAAAAGATATAACCAT
CACCTGGAGTTACGGACTATAATGGATCGTTTAGTAGTGAACAGAAAGCTTTGGGTGGGACGGTAAAT
GCTTCAGCCTTAAGTCTAACCGGCCTGAGCCTATTCTGATCAACAGCTAAACATTCTCAACTCCTTC
ACTGCCAGTGACTTGACAGCTTTGACCAACAGTGTAGCAACCGTCTGCGACCCACAGATGTGAATTGT
TTGGATGATAGCTTCTCCACTGGGCAACACACCCCGTGGACAAGTTAATCATGTGCCTGTTGTAACA
GAAGAGTTACTACCCCTGCCAGCAATGGGAAAAGTATTGTTTTAATTTATTTGAGACTGGATTTTAT
CACTCGGAGCTAAACCCTATGAACATGTGCAGTGAAGAGTCAAGAGAGACCAGAAAAAGATTGAAAAATG
GGCATTGCCGTCCTGAATCCTTTATGAATGAAGTTTCTGTAATAACCTGGGTGTGGACTTTGAAAAT
CACACACATCACATCACAGTGCCAAAATGGCTGTTTCTGTGGCTGACTTTGGCAGTCTCTCGCCAAC
GAGACCAATGGTTTCATCAGTGCCATGCTCTGCATCAGCACGCGGCCCTACACTCTGAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAAGTCATCTCAGAAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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- Restriction Sites:** SgfI-MluI
- ACCN:** NM_152622
- Insert Size:** 1650 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).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- 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:	<ol style="list-style-type: none">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_152622.4
RefSeq Size:	5214 bp
RefSeq ORF:	1650 bp
Locus ID:	166968
UniProt ID:	Q7Z3K6
Cytogenetics:	5q11.2
Domains:	ELM2, myb_DNA-binding
Protein Families:	Transcription Factors
MW:	61.3 kDa
Gene Summary:	<p>Transcriptional repressor.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) has two alternate splice sites in the coding region but maintains the reading frame, compared to variant 1. The resulting isoform (3) lacks an internal segment and an internal aa, compared to 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.</p>