OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC327034

MIER1 (NM_001146112) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MIER1 (NM_001146112) Human Untagged Clone
Tag:	Tag Free
Symbol:	MIER1
Synonyms:	ER1; MI-ER1
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>NCBI ORF sequence for NM_001146112, the custom clone sequence may differ by one or more nucleotides

ATGCTGGTTCATGATTTTGATGATGAACGAACATTAGAAGAGGAAGAAATGATGGAAGGA
GAAACAAACTTCAGCTCTGAAATAGAAGATCTTGCAAGGGAAGGCGACATGCCAATTCAT
GAACTTCTCAGCCTTTATGGTTATGGTAGTACTGTTCGACTACCTGAAGAAGATGAGGAA
GAGGAAGAAGAGGAAGAAGAAGGTGAAGATGATGAAGATGCTGATAATGATGACAACAGT
GGCTGTAGTGGGGAAAATAAAGAGGAGAATATAAAGGATTCATCAGGTCAGGAGGATGAA
ACTCAGTCTTCCAATGATGATCCATCACAATCTGTTGCTTCTCAAGATGCCCAGGAAATA
ATCCGCCCACGTCGATGTAAATATTTTGATACAAATAGTGAAGTAGAAGAAGAATCTGAA
GAAGATGAAGATTATATTCCATCAGAAGACTGGAAAAAGGAGATTATGGTGGGCTCCATG
TTTCAAGCAGAAATTCCAGTTGGCATTTGTAGATACAAAGAAAATGAAAAAGTATATGAA
AATGATGATCAGCTCCTGTGGGACCCTGAGTACTTACCAGAAGATAAAGTGATTATATTT
CTTAAAGATGCATCTAGAAGAACAGGTGATGAGAAGGGTGTAGAAGCAATTCCTGAAGGA
TCTCACATAAAAGACAATGAACAGGCTTTATATGAATTGGTTAAATGCAATTTTGATACA
GAAGAAGCATTGAGAAGATTAAGATTTAATGTAAAAGCAGCTAGAGAGGAATTATCTGTT
TGGACAGAGGAAGAGTGTAGAAATTTTGAACAAGGGCTGAAGGCCTATGGAAAGGATTTT
CATTTGATTCAGGCTAATAAAGTCCGAACAAGGTCAGTTGGTGAATGTGTAGCATTCTAT
TACATGTGGAAAAAATCTGAACGTTATGATTTCTTTGCTCAGCAAACACGATTTGGAAAG
AAGAAATATAATCTTCATCCTGGTGTAACGGATTACATGGATCGTCTTCTAGACGAAAGT
GAAAGTGCTGCATCTAGTCGAGCACCATCCCCTCCCCCAACTGCATCAAACAGTAGTAAC
AGCCAGTCTGAGAAAGAAGATGGCACTGTAAGCACTGCTAATCAAAATGGAGTGTCATCT
AATGGACCAGGTGAAATATTAAACAAAGAGGAAGTAAAAGTTGAAGGGTTACACATTAAT
GGACCAACAGGTGGAAATAAGAAACCACTTCATGCAGATATGGATACTAATGGTTATGAA
ACAGATAACCTTACCACTGACCCAAAACTTGCCCATATGACTGCAAGAAATGAAAATGAT
TTTGATGAAAAAAGTGAGAGACCTGCCAAAAGGCGAAGGGTAAACAGCAATGGAAAAGAA
AGTCCAGGTTCTTCTGAATTTTTCCAAGAAGCAGTCTCACATGGGAAATTTGAAGAACTT
GAAAACACAGATGAC

View online »

Restriction Sites:	Please inquire
ACCN:	NM_001146112
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:	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_001146112.1, NP_001139584.1
RefSeq Size:	5604 bp
RefSeq ORF:	1458 bp
Locus ID:	57708
UniProt ID:	Q8N108
Cytogenetics:	1p31.3
Gene Summary:	This gene encodes a protein that was first identified in Xenopus laevis by its role in a mesoderm induction early response (MIER). The encoded protein functions as a transcriptional regulator. Alternatively spliced transcript variants encode multiple isoforms, some of which lack a C-terminal nuclear localization signal. [provided by RefSeq, May 2013] Transcript Variant: This variant (8) lacks a portion of the 5' coding region and initiates translation at a downstream in-frame start codon, compared to variant 1. The resulting isoform (h) has a shorter N-terminus, compared to isoform a. 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.