

Product datasheet for **RC228431**

MIER1 (NM_001146110) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MIER1 (NM_001146110) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	MIER1
Synonyms:	ER1; MI-ER1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC228431 representing NM_001146110
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTTATGTTTAAATTGGTTTACAGACTGTCTGTGGACTCTTTTCTGTCAAATTACCAGCCATCTGTTG
 AATCTTCAAGTCCAGGAGTTTCAGCAACATCAGATGACCATGAATTTGATCCATCAGCTGACATGCTGGT
 TCATGATTTTGTATGATGAACGAACATTAGAAGAGGAAGAAATGATGGAAGGAGAAACAACTTCAGCTCT
 GAAATAGAAGATCTTGAAGGGAAGGCGACATGCCAATTCATGAACTTCTCAGCCTTTATGGTTATGGTA
 GACTGTTTCGACTACCTGAAGAAGATGAGGAAGAGGAAGAAGAGGAAGAAGGTAAGATGATGAAGA
 TGCTGATAATGATGACAACAGTGGCTGTAGTGGGAAAAATAAGAGGAGAATATAAAGGATTCATCAGGT
 CAGGAGGATGAACTCAGTCTTCCAATGATGATCCATCACAATCTGTTGCTTCTCAAGATGCCAGGAAA
 TAATCCGCCACGTCGATGTAATATTTTGATACAAATAGTGAAGTAGAAGAAGAATCTGAAGAAGATGA
 AGATTATATTCCATCAGAAGACTGGAAAAAGGAGATTATGGTGGCTCCATGTTTCAAGCAGAAATTCCA
 GTTGGCATTGTAGATACAAAGAAAATGAAAAAGTATATGAAAATGATGATCAGCTCCTGTGGGACCTG
 AGTACTTACCAGAAGATAAAGTGATTATATTTCTTAAAGATGCATCTAGAAGAACAGGTGATGAGAAGGG
 GTAGAAGCAATTCCTGAAGGATCTCACATAAAAGACAATGAACAGGCTTTATATGAATTGGTTAAATGC
 AATTTTGTACAGAAGAAGCATTGAGAAGATTAAGATTTAATGTAAGCAGCTAGAGAGGAATTATCTG
 TTTGGACAGAGGAAGAGTGTAGAAATTTGAACAAGGGCTGAAGGCCTATGGAAGGATTTTCATTTGAT
 TCAGGCTAATAAAGTCCGAACAAGGTGAGTTGGTGAATGTGTAGCATTCTATTACATGTGAAAAAATCT
 GAACGTTATGATTTCTTGTCTCAGCAACACGATTTGGAAGAAGAAATATAATCTTCATCCTGGTGTA
 CGGATTACATGGATCGTCTTCTAGACGAAAGTGAAGTGCATCTAGTCGAGCACCACCCCTCCCC
 AACTGCATCAAACAGTAGTAACAGCCAGTCTGAGAAAGAAGATGGCACTGTAAGCACTGCTAATCAAAT
 GGAGTGCATCTAATGGACCAGGTGAAATATTAACAAGAGGAAGTAAAAGTTGAAGGGTTACACATTA
 ATGGACCAACAGGTGAAATAAGAAACCACTTCATGCAGATATGGATACTAATGGTTATGAAACAGATA
 CCTTACCCTGACCCAAAACCTTGCCCATATGACTGCAAGAAATGAAAATGATTTTGTGAAAAAGTGAG
 AGACCTGCCAAAAGGCGAAGGTAAACAGCAATGGAAAAGAAAGTCCAGGTTCTTCTGAATTTTCCAAG
 AAGCAGTCTCACATGGGAAATTTGAAGAAGTGAAGAACACAGATGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC228431 representing NM_001146110
 Red=Cloning site Green=Tags(s)

MFMFNWF TDCLWTLFLSNYQPSVESSSPGGSATSDDFHFDPSADMLVHDFDDETL EEEEEMEGETNFSS
 EIEDLAREGDMPIHELLSLYGYGSTVRLPEEDEEEEEEEGEDDEDADNDNSGCSGENKEENIKDSSG
 QEDETQSSNDPQSQSVASQDAQEIIIRPRCKYFDTNSEVEEESEDEDYIPSEDWKKEIMVGSFMFQAEIP
 VGI CRYKENEKVYENDDQLLWDPEYLPEDKVIIFLKDASRRTGDEKGVEAIEPGSHIKDNEQALYELVKC
 NFDTEALRRLRFNVKAAREELSVWTEEECRNFEQGLKAYGKDFHLIQANKVVRTRSVGECVAFYMWKKS
 ERYDFFAQQTRFGKKYNLHPGVTDYMDRLLDESESAASSRAPSPPTASNSSNSQSEKEDGTVSTANQN
 GVSSNGPGEILNKEEVKVEGLHINGPTGGNKKPLHADMDTNGYETDNLTTDPKLAHMTARNENDFDEKSE
 RPAKRRRVNSNGKESPGSSEFFQEAVSHGKFELENTDD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8065_f07.zip

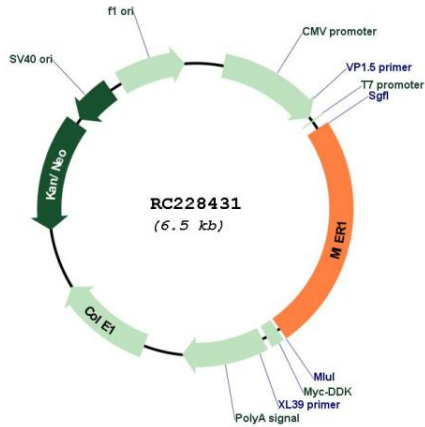
Restriction Sites:

Sgfl-MluI

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]

Product images:



Circular map for RC228431