

## Product datasheet for **SC400980**

### Mir31 Mouse MicroRNA Expression Plasmid (MI0000579)

#### Product data:

**Product** MicroRNA Expression Plasmids

**Type:**

**Species:** Mouse

**Vector:** pCMV-MIR (PCMVMIR)

**Precursor:** UGCUCCUGUAACUCGGAACUGGAGAGGAGGCAAGAUGCUGGCAUAGCUGUUGAACUGAGAACCUGCUAUGCCAACAUUUGCCAUCUUUCCUGUCUGACAGCAGC

**Mature Sequence:** AGGCAAGAUGCUGGCAUAGCUG

**Full insert:** >MI0000579 GAAATGGCTGTATTCATCGTTGTCAGTTTATGACTTAATTTTACTTCGGAACCACCTTGTCATTTCCACA  
AGCAGCAAATATTTTGAGATCCATGTTATTCAAGGAATATTTAAAACAGGAACCTAACCACAACCTCCCT  
GTGCATAACTGCCTTCAAAATTGGACTCTAAGGACTGCATTGTACATTAGGAAACAGCTTGTGT  
TTTCAACTAATGGGTGTGTTTTCTCTCCTCAGGTGGAAGGAGAGATTGTGAAAAGCATAACAACGAAGA  
GGGATGGTATTGCTCCTGTAACCTCGGAACCTGGAGAGGAGGCAAGATGCTGGCATAGCTGTTGAACTGAGA  
ACCTGCTATGCCAACATATTGCCATCTTCTGTCTGACAGCAGCTTGGCTACCTCCGTCCTGTCTCCTC  
TTGTCTTGCTACAAGCCATCCATGATATGTAGGGCCCTGTGACTTGGTCTGTCTCGCCCTGACTTCTCTC  
CAGTCTATACCGAATCACTCGCTCTGTTCTAGCCACACTGGCCTTTTGGGGATGTTCTTGGCTGCACCA  
GGAATATTCGCCCTCTACTGCCCTGTCTTATCTTTTGGGCATCAGTGGAGAACCTTTCCACCATGGCAC  
TGTCTATAAACCTTACATGTGCCAGCCACCGTTACCTCATGACCCTGCTCTGACTTGTC

**OTI** All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence [imiRBase](#).

**Disclaimer:** The flanking sequence of a miRNA clone may differ from the NCBI reference with respect to biological polymorphisms. This should not affect the function of the mature miRNA.

**E. coli Selection:** Kanamycin (25 ug/mL)

**Mammalian Cell Selection:** Neomycin

**Components:** 1 x 10 ug vial miRNA plasmid lyophilized in a 2-D bar-coded Matrix tube

**Also Contains:** Both mature and minor (star) miRNA can be over expressed from the construct.

**RefSeq:** [MI0000579](#)

**Synonyms:** Mirn31 miR-31 mmu-mir-31

**Locus ID:** 723895



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