

## Product datasheet for **SC400993**

### Mir331 Mouse MicroRNA Expression Plasmid (MI0000609)

#### Product data:

**Product Type:** MicroRNA Expression Plasmids

**Species:** Mouse

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

**Precursor:** GAGUCUGUUUUUGUUUGGGUUUGUUCUAGGUAUGGUCCAGGGAUCCAGAUCAAACCAGGCCCUAGGGCCUAUCCUAGAACCAACCUAACCCGU

**Mature Sequence:** CUAGGUAUGGUCCAGGGAUCC

**Full insert:** >MI0000609 GACCTAAACAACCTTCTTAGCCCGCTTTTCTTCCAAGTTAAATGACTAAATTGACTCTGATTCTGAGTCC  
AAGTATGTTCTGCATTTTTCTGTACCTTCTGTTCAAGTCTGTGACTTAAAAGTGCTGAGGCACAGTACTG  
GTGTGTGACAATATATAGAAGGCTCCAAGAATGTCACCTCTATCCCTTAAAGGTTGGTGTGTGGCCCTGA  
TCCAGCCCTGGAGGCCACATGGGTGAGAAGCCAGAGCCCATGCAAGCTGAAAGCACTCCCAAGGAGT  
CTGGTTTTGTTGGGTTTGTCTAGGTATGGTCCCAGGGATCCCAGATCAAACCAGGCCCTGGGCCTAT  
CCTAGAACCAACCTAAACCCGTGCATCATTCTGGAACACCCAGAGGATGAAGACCGAAGATAACTGAGG  
CTGACTACACATCTGTACTACCAAGATTCAGTTCTTATATATGTACCTATTGTTTAGCAAGCCCTGGC  
TGGTTAATCTGTCTGGAGTCAAATAACAATATTTGGTAATAACAAAGTCTCCCGAGGCTGATACCCAG  
TAGTTTCTATGGTAGAAATTCATGTGGTTGTTATTAATTCACAGTGAGGAGAAGTGGTCTTGTGATT  
TTATCGTCAGATAAAACTGATTTAAATGTCT

**OTI Disclaimer:** All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence in [miRBase](#). 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:** [MI0000609](#)

**Synonyms:** Mirn331 mmu-mir-331

**Locus ID:** 723908



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