

## Product datasheet for **SC401173**

### Mir685 Mouse MicroRNA Expression Plasmid (MI0004649)

#### Product data:

**Product** MicroRNA Expression Plasmids

**Type:**

**Species:** Mouse

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

**Precursor:** GUCGGGGCGGAUGCCUCCUCGCCGGAGCGGAUGCCUCCUCGCCGGAGCUUGGAACAGACUCACGGCCAGCAGUGCGAGUCAAUGGCUGAGGUGAGGCACCU

**Mature** UCAAUGGCUGAGGUGAGGCAC

**Sequence:**

**Full insert:** >MI0004649 GGTAGAGCGCATGCAAATTACGCGCTGTGCTTTGTGGGAAATCACCTAAACGAAAAATTTATTCCTCTT  
TCGAGCCTTATAGTGGCGGCCGGTCTACATCCTGAAAGTGGCGGAGGAAGCTCATCAGCGGGGCCACGT  
GCTGAGTGCGTGTCACTCTTCGGCCCTGGGAAGGTCTGAGACTTGGGCCTCCCGGGCCCTAACCGGGC  
TCTCCCGAGCGGGGAGGTGAGTTCCAGAGAGCAGGGCTCTACGCTTGGGCAGACTGGGCAGGAGAAGC  
CCCGAGTCGGGGCGGATGCCTCCCTCGCCGGAGCGGATGCCTCCCTCGCCGGAGCTTGAACAGACTCAC  
GGCCAGCAGTGCGAGTTCAATGGCTGAGGTGAGGCACCTCCCGGGCCTCATAACCAATTCAGACTACTC  
TCCCCCGCCCTCTTTTTGATCGAGATCCTTTTGGAGTATTGACTCGAAAGGTTTTATATTTACTCT  
GTGTCTCAGCATTCACTCAGTCATTTCATTTGAACAGTTGTGACTGTATTGACCACAACCTCTAC  
TATAAAAGACCAAGCTTGAGAGTTGTTCAAATATGGATTAAACCATAAAATATAGAAGGGAGTTTGAC  
AACATTTAGTGAAACATGATATGAACCCCTCCCACTGTTGGATTTTGG

**OTI** All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence [imiRBase](#). The  
**Disclaimer:** 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** Kanamycin (25 ug/mL)

**Selection:**

**Mammalian** Neomycin

**Cell**

**Selection:**

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

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

**Contains:**

**RefSeq:** [MI0004649](#)



[View online »](#)