

## Product datasheet for **SC400801**

### Mir181b-1 Mouse MicroRNA Expression Plasmid (MI0000723)

#### Product data:

**Product Type:** MicroRNA Expression Plasmids  
**Species:** Mouse  
**Vector:** pCMV-MIR (PCMVMIR)  
**Precursor:** AGGUCACAAUCAACAUUCAUUGCUGUCGUGGGUUGAACUGUGUAGAAAAGCUCACUGAACAAUGAAUGCAACUGUGGCC  
**Mature Sequence:** AACAUUCAUUGCUGUCGUGGGU

**Full insert:** >MI0000723 TGTGACAGGTTTGGTTAAAGGATTGGGCTTCTCTGCCTCCCTCCTGCTCCAGACTCCCACAGATACTG  
 TTTAAATCAGCACATCTCTGCCTCACAGTTGCTTCAGTGAACATTCAACGCTGTCGGTGAGTTTGAAT  
 TCAAATAAAAACCATCGACCGTTGATTGTACCCATATAGCTAACCATCATCTACTCCATGGCCCTCTCGCT  
 TTGCTGAAGACAGAACCGCAAAGCAGGACCCGACAGGATTCTCCCGCCTCTTCAGAGACTATGTTTACA  
 AAGGTCACAATCAACATTCATTGCTGTCGGTGGGTTGAACTGTGTAGAAAAGCTCACTGAACAATGAATG  
 CAACTGTGGCCCGCTTTTTGCTGTCGCAATCAACAGACGTTCCCTCCCTAATAGAGGTCCTGGGGGTAT  
 TAACGCCGTTTCTCGGTTAACTTCTGCTGTGAACTTTCAGGTTTGTATTCAATTCATATCAAGTC  
 CTATTTCTGTGAGGAAGTCACTAATTTATATAAGAATACTGCTTTTCTATACTCCTGGGGTTACAAATG  
 GGGCATTCTTAAAAATGCTAAAGTGTGGATGCCAGAATCAACTGTGTAGCCCTGGGTTGGCACGGCT  
 TCCTGCTCTG

**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:** [MI0000697](#), [MI0000723](#)  
Both mature and minor (star) miRNA can be over expressed from the construct.

**RefSeq:** [MI0000723](#)

**Synonyms:** Mirn181b-1

**Locus ID:** 723890



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