

## Product datasheet for **SC402611**

### MIR5100 Mouse MicroRNA Expression Plasmid (MI0018008)

#### Product data:

**Product Type:** MicroRNA Expression Plasmids  
**Species:** Mouse  
**Vector:** pCMV-MIR (PCMVIR)  
**Precursor:** GUGGGAGGGAGGACUUGGAACUGAAGAGCAGAGUUCGAAUCCAGCGGUGCCUCUCCGACU  
**Mature Sequence:** UCGAAUCCAGCGGUGCCUCU  
**Full insert:** >MI0018008 TCCGTTTTGAGCACGTGTGCGCAGGAGTTGTGCGCTCGGATTGGAGCGAAGGCCTGCTTATCCAGCGTGCCTTTCCGGTCACTTGCCGCCTCGGGCCTCGGCGTTCGGTTCGCCGGGTTTGAACGTTCCATTCTAGGCGAGTCTGGGCCTCCAGGGTCTACTCGCCCTGTCTTGGGTCCATGCGCTGACGCTCGGACGCAGGTACGGCTACAGCGCACCGGGTGGCCCGGTGTCTCCAGCACTGGGCGTGGCGCGCATCCCGGGGAGGTGGGGCGTGGCCTGCGGTCACTGCGGTGGGAGGGAGGACTTGGGAACTGAAGAGCAGAGTTTCCAATCCCAGCGGTGCCTCTCCCGACTTGGGTATTGCACACGATTTCCAGGGCCACAGTGACTTCGCTCTTGAATAGAGTCTAAGAGCCTATTTGGTTACACGTTTCTGCTCAGTCATGATCAGAAGCAATCAGCTTTGGCCAGAATGTAAGAACAGGTGAAGTTCAGGCTGTCAAGAGTCGGGTTATTTTGTATTTTGTGGTTTGAATAGAGGCTCTATTATGTAACCTGGCTATCCTCCAACCTCAGTGTGTAGACCAGGCTTGCCTTGACTGCCTCTGCCTCTTCAGTGCTGAAATTAAGGCCTGCACCACCACATAG

**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:** [MI0018008](#)  
**Synonyms:** mmu-mir-5100 mu-mir-5100  
**Locus ID:** 100628625



[View online »](#)