

## Product datasheet for **SC402524**

### MIR3100 Mouse MicroRNA Expression Plasmid (MI0014092)

#### Product data:

**Product Type:** MicroRNA Expression Plasmids  
**Species:** Mouse  
**Vector:** pCMV-MIR (PCMV MIR)  
**Precursor:** UUGGGAACGGGGUGUCUUUGGGAGUCUUUGGGGCUACCAAACCCUGUGACACACCCGCUCCCAG  
**Mature Sequence:** UUGGGAACGGGGUGUCUUUGGGA  
**Full insert:** >MI0014092 GGGGACCGGCGTGGATCACACAGCTGCACTTTGCCTTCCAGGATGAGAACTACCTGGTAAGCTCCGGGTTCAGGTGACTAGGAAAGAGTGACAGTTACATCGCCCAAGTCAAGAAGGCTGGAGAAGGGAGAAGCTGCTGTAGATCGGGGGGTGGGGTGGGGGGACACACAGGGATGGGGGACGGGGTAGGATTGTGTCTCAAGTATAGGAGAGACCTTCCTTGAGACAGGAGTGATATCTGGTTTGGCCTTTGGATGGGGCGCTCTCTCAC TGTGCGGGGTCTCTGTGCTTGGGAACGGGGTGTCTTTGGGAGTCTTGGGGGCTACCAAACCCCTGTGACACACCGCTCCCAGTACCTGGTCATGGAATACTACGTGGCGGGGACCTGCTAACGCTGCTGAGCAAGT TTGGGGAGCGGATCCCCGCCGAGATGGCTCGTTCTACCTGGCCGAGATTGTCATGGCCATAGACTCCGT GCACCGGCTGGGCTACGTGCACAGGTGGCGTGGCGGGGCCCTTGGAGGGTTAGCAGAATTTGTGTGGGA AGGAAGGTACCTGAAGGTCAGATCCCATTGGGGACAGAATCGGGGTCTAGAATTGTAGAATCCTGGGTG GGTGGAAGTGATCGAGCTGACGGGCCCTAAGAG

**OTI Disclaimer:** All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence in [miRBase](http://www.mirbase.org). 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:** [MI0014092](https://www.ncbi.nlm.nih.gov/RefSeq/ accession/taxonomy/MI0014092)  
**Synonyms:** mmu-mir-3100  
**Locus ID:** 100526504



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