

## Product datasheet for **SC400867**

### Mir1951 Mouse MicroRNA Expression Plasmid (MI0009946)

#### Product data:

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | MicroRNA Expression Plasmids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Species:                  | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Vector:                   | pCMV-MIR (PCMVMIR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Precursor:                | UGGGUGGGGUUUAGAAACCACCUCUCUACUACUUCUGAAAGUAAAAGGUAGUGGAGACUGGUGUGGCUAAACCUCUUGCCUCCC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Mature Sequence:          | GUAGUGGAGACUGGUGUGGCUA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Full insert:              | >MI0009946 GGCTTTCAGAGTTCTTAGAGGAGGTGAATGTACATTCAAATTTTGATGAAAACAACTGCCCTGTCTTCC<br>ATGTCTGGGAGAGCCTGGGGTTTTGTGCTTGTGTTGCTTATTGAAGTGCAGTTTCATGGTACAGGCTGGGG<br>TGATTACAGGAATCTAGGGTGGATGAGAGGGTGAAGGTCTCCCTTGCTGTCCATGGTGTAAGGTCTCC<br>CTGGCAAAGGCGCCTATGTGCCTACATGCATTGTTTAAACAGAGAGTCAGCTTGTCCTTTTCTATGTAT<br>AGAGTGCTGTGGGTGGGGTTTAGAAACCCTCTCTTCACTTACTTCTGAAAGTAAAAGGTAGTGGAG<br>ACTGGTGTGGCTAAACCTCTTGCTCCCATCAGTGGCTGGCTTGAGGTAAGCTGCATGCTGGCCTTGCC<br>CTTCACTGCTCCCTGTGATCATAGCAAACCTTAAACAGGTCTTGAGCTTGCTTTTGCCAGGAGAAACA<br>TGTGCACACAGGGGACATTGACAAGTCTGTGCTGGCCTTTCCTTGCTCACTGCATGACCACTTGCCTTTGT<br>CTACCTAGGTACCTGAATGGCGTGGGGAAAAACGGAGCAGCCCCGTGCTCTTGAGAGTGGCCAATGAGG<br>TAATGTTATTGTTATGATTTTATTTAAACCTGAGCTAAACCTAAGGG |
| OTI Disclaimer:           | All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence in <a href="#">miRBase</a> . 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:                   | <a href="#">MI0009946</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |


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