

## Product datasheet for **SC402511**

### MIR3087 Mouse MicroRNA Expression Plasmid (MI0014080)

#### Product data:

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | MicroRNA Expression Plasmids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Species:                  | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Vector:                   | pCMV-MIR (PCMVIR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Precursor:                | ACAGGGCAGGGCAAGAGUUGAGACUUAUGGCUCCUACUCACUGUCAUGUCCUCAG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Mature Sequence:          | CAGGGCAGGGCAAGAGUUGAG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Full insert:              | >MI0014080 CTGTAGAACAGTCCTGAGCTCCTCTCCTCAGCTCTGAACCTTACTCAGGGGCTCATGAGAGGATCTGTC<br>TCCTTAGGAGTCATCCCCACAAGCTCAGCCCTCTCTGTGTTAGGGCTGGGGCTGGCATCAGATAACTGCA<br>GTCTGCTCAGGTCTCCGTATTACCCATCAGGTGACCTACCTCCACTGGTCTGTCAACCTCTCAGTACC<br>ACAACTACACCCAGCCCCGTGGCAACTTTATCCCTTATGCCAATGAGGAACGCCAGGAGTACCGGTGAGG<br>CCGTGGGCTGGGGCTGTAGCACAGGGCAGGGCAAGAGTTGAGACTTATGGCTCCTAACTCACTGTCTATGT<br>CCTCAGATTACGGCTGTACCTGATGCCAGCCCCAGCAGCTGGTGAGCACATTCCGGCTGCCCTCTGGT<br>GTGGGTGCCACTTGTGTGCTCAAGTCTCCTGCCAACGGCTCCCTGGGACCCATGCTGAACCTAAGCAGTG<br>GAGAGTCCCGCTGCTGGCGGCACGGTTCTTCGACAGTATGTGCCTGGAGTCCTTACACAGGGGCTGCC<br>ACTGTCCAACCTCGTGCCACCTCCGCCCTCAGCCGCCCTTCTGACTCAGCCGTGTCCCAGATGAGGAT<br>TCACTGCAAGCCTGGAACATGTCCCT |
| 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="#">MI0014080</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Synonyms:                 | mmu-mir-3087                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Locus ID:                 | 100526555                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |



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