

## Product datasheet for **SC402514**

### MIR3090 Mouse MicroRNA Expression Plasmid (MI0014083)

#### Product data:

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | MicroRNA Expression Plasmids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Species:                  | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Vector:                   | pCMV-MIR (PCMVMIR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Precursor:                | UUCCUGUCCAGUGGUGGUGGGGCCUGAGAUCCUGAAUUUCUAUAGAGCUCCAGGUGACACCCUGACUCACUGUGCCAGAGGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Mature Sequence:          | GUCUGGGUGGGGCCUGAGAU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Full insert:              | <p>&gt;MI0014083 CAGGTAGGGTGGGGTTGAGGGGCAGGGCACACATCTACTTGGATAAATTGCATCTCCTCTTTCCTTC</p> <p>ACCCCGCCACCATATCTTAAAGCCTTATGACATCCTCTAGGGCAGAATTTTCTCACCAGCTCCCGCCCT</p> <p>ACCAACTTCAAAGTGAAGTCTAACTAACTTGAAGGGCCAAAGTTCTAAATAAACTTGTAGAGTTTAG</p> <p>CGGGCACCTCAGTCATCAGGAATGCCTCCAGGAAAGCAAAAAGCTTGATGTGTGTACAGCCACGTGGT</p> <p>GGAGTCCTGCCACCTATGATTCTGTCCAGTGGTCTGGTGGGGCCTGAGATCCTGAATTTCTAATGA</p> <p>GCTCCAGGTGACACCTGACTCACTGTGCCAGAGGACTGCAGTTTGTAGTAGCAAGTTGTGTGGACTGT</p> <p>TCTTTCGATCATGGCTACAGAAGCTGGCTCAAGTACAGCCCCTTCGTGTGTAAAGCCATGTGTAAATGA</p> <p>GAAGAAACAGAAGGCAAGCTGCGTTGCATGGCATCTGAATCAGTGCCTGCAGTTTTGTTTTTGT</p> <p>TTTTTTTCAAAGACATTCTTTTTCCCAACAAGATGAGTGGCAATCTTATGTTCTAGCCACTCTAGACA</p> <p>TGAAACACTGGGTTGCTTATCTTGTAAAATCTGCTCTGCTTGCTTGCTTGGGCACG</p> |
| 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="#">MI0014083</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Synonyms:                 | mmu-mir-3090                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Locus ID:                 | 100526500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |


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