

## Product datasheet for SC402623

### MIR5118 Mouse MicroRNA Expression Plasmid (MI0018027)

#### Product data:

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | MicroRNA Expression Plasmids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Species:                  | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Vector:                   | pCMV-MIR (PCMVIR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Precursor:                | CUUAGGAGGCAGAGGUUGGCUGAUCUCUGCUUGAGUUCGAAGGUUAGGCCAGCCUGGUCUCCAAAGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Mature Sequence:          | AAGGUUAGGCCAGCCUGGU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Full insert:              | >MI0018027 AGGTCTCGAAAGACTCACTACCTCAAACATTCTAAGAGTCTGAAAGCTGCTCAGGAGAAAATGAAGCCCA<br>AATCAAGAGACAATATAAGTAACGTAAGTAGCAAAAATAAGTGAATGAATAAATATTTTTTAAAAAA<br>GAGGTACAAACAAGGAGTTGAAATAGGGGAGAGGAGGGAAGAGGAGACTCACATGGAAGAAAGACTCTTA<br>GATGATGGTGTGAATTACTGAGCTTGCTGGTGGGGCTATTAAAGAAAGCACTACTTGGTGACACTGAC<br>ACATGCATTTAATCCTAGTACTTAGGAGGCAGAGGTTGGCTGATCTCTGCTTGAGTTCGAAGGTTAGGCC<br>AGCCTGGTCTCCAAGAGAGTTCCAAGACAGCCAGGACTACGCAGAGAAACCCTGTCTCAAAGAAACCAA<br>ATAAAGGATAGATAGATAGATAGATAGATAGATAGATAGATAGATAGATAGATAGATAGATAGATAGATAG<br>ATAGATAGATAGATAGATAGATAGATAGATAGATAGATAGATAAGAAGTGTATTAAAAATGTAATA<br>CCTTTTATATAACTTGTGCTTTCAAATAACAATAAGAGCCAAGTCCAGTGGGAGGCAACTAACTACAGC<br>ATGAAGTAGACAGGTAATACTGGGGGGGGGGCGGGA |
| 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="#">MI0018027</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Synonyms:                 | mmu-mir-5118 mu-mir-5118                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Locus ID:                 | 100628589                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |


[View online »](#)