

## Product datasheet for SC400896

### Mir199a-2 Mouse MicroRNA Expression Plasmid (MI0000713)

#### Product data:

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | MicroRNA Expression Plasmids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Species:                  | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Vector:                   | pCMV-MIR (PCMVMIR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Precursor:                | UGGAAGCUUCAGGAGAUCCUGCUCCGUCGCCCCAGUGUUCAGACUACCUGUUCAGGACAAUGCCGUUGUACAGUAGUCUGCACAUUGGUUAGACUGGGCAAGGGC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Mature Sequence:          | CCCAGUGUUCAGACUACCUGUUC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Full insert:              | <p>&gt;MI0000713 GTCTGAGAGCAGGCGATTCTAGCGGTCTCTCCAGCGGCACAGCGCATACCCAAACCTCCCCAGGGTGACA</p> <p>TCATCCCATATATGGACTCTCCAGCCAGCCCTCCCCCTTTCTGGTCCTAAATTCATTGCCAGTTCCC</p> <p>TAGTCTGCTGCAAAATGTCCACGTCAAGACTGGAAATCACAGCCCTTTAGTGTGTCTCAGTCGATGCAGC</p> <p>AGACAGGGTTCAGGGGGGAAGCTGAACAAGCCCTGGTGCAGGAAGACAGGCTCTCCCCAGCCCCGGGAC</p> <p>AGGATTTTCCACACACCGATGGAAGCTTCAGGAGATCCTGCTCCGTCGCCCCAGTGTTTCAGACTACCTGT</p> <p>TCAGGACAATGCCGTTGTACAGTAGTCTGCACATTGGTTAGACTGGGCAAGGGCCAGCAACGCCATGGAC</p> <p>GGCTGGGGACACAATGTGCTGCTTCCAAGGAGAGGACAGCTGGGTGCTCCTTTGTTGAATCTCATATCCA</p> <p>GTGTTTCTCTTCACAGGTTTTGCAAAGTAGGGACCAAGAAGCCCTCAGGGACTCTGCCAGGGGAGAGGAC</p> <p>TGCTCCAGGGAAGACCAGCGGGTAAGGCCTCTGGGATTGCGTACCTGGTCTGTGATTGGGGAAGTAGATA</p> <p>GAGATCCCATCACCTGTGTGAAGACGCTGGAGACACTGAGCTAAGGGACAGATAACCGTG</p> |
| OTI Disclaimer:           | <p>All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence <a href="#">imiRBase</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.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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="#">MI0000713</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Synonyms:                 | Mir199a-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Locus ID:                 | 723821                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |


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