

## Product datasheet for **SC400683**

### MIR92A2 Human MicroRNA Expression Plasmid (MI0000094)

#### Product data:

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | MicroRNA Expression Plasmids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Species:                  | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Vector:                   | pCMV-MIR (PCMVIR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Precursor:                | UCAUCCUGGGUGGGGAUUUGUUGCAUUAUUAAGUAUUGCACUUGUCCCGGCCUGUGGAAGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Mature Sequence:          | GGGUGGGGAUUUGUUGCAUUAU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Full insert:              | <p>&gt;MI0000094 TGGGTCCTAGTAGTACCAAAGTGCTCATAGTGCAGGTAGTTTTGGCATGACTCTACTGTAGTATGGGCAC</p> <p>TTCCAGTACTCTTGGATAACAAATCTCTTGTGATGGAGAGAATATTCAAAGACATTGCTACTTACAATT</p> <p>AGTTTTGCAGGTTTGCATTTTCAGCGTATATATGTATATGTGGCTGTGCAATCCATGCAAACTGATTGT</p> <p>GATAATGTGTGCTTCTACGTCTGTGTGAACACACCTTCATGCGTATCTCCAGCACTCATGCCATTCAT</p> <p>CCCTGGGTGGGATTTGTTGCATTACTTGTGTTCTATATAAAGTATTGCACTTGTCCCGCCTGTGGAAG</p> <p>AAAGGAGGATTTTATCGTCTTCTTATTTAACTTTAAAGCCGTAAGTTCTGATATTTAGTCATTGTA</p> <p>AAATGATCTGTTTGTGTTGTGCGGTGGATCACGATGCAATTTTGTGAGTATCATAGGAGAAAAATTG</p> <p>CACGGTATCCATCTGTAACCGCAGGACCTTTGTTGGCGACATTCCTGATCAGCGCTACAGTAAGCTAGA</p> <p>TGGTAAAAATCCTTTCTAGTTGCTGCTATTAATAAATTTGAAATATATTGGATTCTAAAAAC</p> <p>TATGATAGC</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:            | <p><a href="#">MI0000075</a></p> <p>Both mature and minor (star) miRNA can be over expressed from the construct.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| RefSeq:                   | <a href="#">MI0000094</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Synonyms:                 | MIRN92-2 MIRN92A2 MIRN92A-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Locus ID:                 | 407049                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |


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