

## Product datasheet for **SC400650**

### MIR720 Human MicroRNA Expression Plasmid (MI0006654)

#### Product data:

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product                   | MicroRNA Expression Plasmids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Type:                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Species:                  | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Vector:                   | pCMV-MIR (PCMVMIR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Precursor:                | CCGGAUCUCACACGGUGUGUUAUAUCUCGUGGGGCCUCCAAAAUGUUGUGCCAGGGGUGUUAGAGAAAACACCACACUUUGAGAUGAAUUAAGAGUCCUUU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Mature Sequence:          | UCUCGUGGGGCCUCCA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Full insert:              | >MI0006654 GAAAACCAAGGCTCAACCCACTAGTGTCTAGAGTAACGGGCTGAGTCAAAAGAGGGACGCCCTCTTCAG<br>AGCTGCTTCCCTCTTACCAGAACCTGAAGGAAGTCAAATCTGACCTACCTGACCCTGGGGTCAGAAGCTG<br>AGGACTCAGATGCTGAATTTTAGTCACTCACACGGTAGTCGATCTGCTCTCCTCTGGAAGACGGTCACT<br>CTTCGGGGACCTGAAAATTGTTTCTCAGGTGGCGCCCGCCTCCGAGCCGGCCGTCTTCCGGGGGAGC<br>CTGGAGCGAGACCGGATCTCACACGGTGGTGTAAATATCTCGCTGGGGCCTCCAAAATGTTGTGCCAGG<br>GGTGTAGAGAAAACACCACACTTTGAGATGAATTAAGAGTCCTTTATTAGCCGGCGACCGAGAGACCGC<br>TAACACTCAAAATTTCTCCGCCCCGAGGAAGGGGCTTGATTAACCTTTATATCTTGGTTTAGGAAGGGGA<br>GGGGGGGTTTGTAAACAATTTTACAGAAGCTAAGTAGTCAAAAAGTTAAAAGGATAAATGGTTACAG<br>GAAAGTAAACAGTTCAGGTGCAGGGGCTTTAAGACTATTACAAGGTGATAGAGGCGGGGCTTTGGGCAT<br>TATCAATCAGACGAATCTTGAGGACTGCAGATATAGCTTGCCACA |
| OTI                       | All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence <a href="#">imiRBase</a> . The                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Disclaimer:               | flanking sequence of a miRNA clone may differ from the NCBI reference with respect to biological polymorphisms.<br>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="#">MI0006654</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |



[View online »](#)