

## Product datasheet for **SC400640**

### MIR663 Human MicroRNA Expression Plasmid (MI0003672)

#### Product data:

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | MicroRNA Expression Plasmids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Species:                  | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Vector:                   | pCMV-MIR (PCMVMIR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Precursor:                | CCUUCGCGCUGCCAGGCGGGGCGCCGCGGACCGCCUCUGUGUCUGUGGCGUGGGAUCCCGCGCCGUGUUUCCUGGUGGCCCGGCCAUG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Mature Sequence:          | AGGCGGGGCGCCGCGGACCGC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Full insert:              | <p>&gt;MI0003672 AGCGTTCCGTCCGCGAGTGACCCCTCCGCCGCGAGTCAGCTCTCCGCCCGCTCCCTTGCCGAGTCGC</p> <p>GACCGGTGCGGACGACGCGCTTTGCGTGGCACGTGGTCGGGCCGCTGGCCCTGGGAAAGCGTCCACGG</p> <p>TGGGGCGCGCCGCTCTCCCGAGCGGGACCGGGTCGGAGGATGGACGAGAATCACGAGCGATGTGGCCC</p> <p>TGGCGTTGAGTTTGTGGCTGTGGTCGCTTCGGGGCCCCGGTGGCGGACAGGGGCTCGTGAGGCAGGTC</p> <p>TTGGTGGGTGCCGAGGGCCTTCGGCGTCCAGGCGGGGCGCCGCGGACCGCCCTCGTGTCTGTGGCGG</p> <p>TGGGATCCCGCGGCCGTGTTTCTGGTGGCCCGGCCATGCCTGAGGTTTCTCCCTCAGCCGCCCTCTG</p> <p>CGGGCTCCAGGTGCCCTTGCCCTCGCGGTCCCCGGCCCTTGCCCTGTCTGCGCCCCCTTCCCCGCCGCC</p> <p>GCCCGCCGATCCTCTCTCTCCCCGAGCGGCTACCGGCTTTACGTCGGTTGGTGGCCGCGTCTGGGACC</p> <p>GAACCGGGCACCCTTGTGGAAAAAAGAATAGAATATACCTGTTAAATCAGACATGATACTTGCTT</p> <p>TTGTGGAGCTTATGCTTTAGTGCAGAAACAGAAAGTCAAGCA</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="#">MI0003672</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |



[View online »](#)