

## Product datasheet for **SC400580**

### MIR603 Human MicroRNA Expression Plasmid (MI0003616)

#### Product data:

**Product Type:** MicroRNA Expression Plasmids

**Species:** Human

**Vector:** pCMV-MIR (PCMVIR)

**Precursor:** GAUUGAUGCUGUUGGUUUGGUGCAAAGUAAUUGCAGUGCUUCCAUUUAAAAGUAAUGGCACACACUGCAAUUACUUUUGCUCCAACUUAUACUU

**Mature Sequence:** CACACACUGCAAUUACUUUUGC

**Full insert:** >MI0003616 GAAAGGGTGCTTCCTTACAGTATGAAAAGTGAACAAAAAGCAGAGTGTGTTTAGTTAGACGCCACCT  
GGGAACGTGCTTGTGGGAAACTCCAGTTGTCCACTGCTCCTGCCATGTCTATGATGACTGCAAACATTTG  
GGAGTATTAATTTGAGGGTCACAAACAGATTTTAGGTGATGGGCATATTTACAAATACAGAATCTGCTAG  
TAATGAGGACTGACTGTATAATGCTTTAGTAGTCTCAAGTATGTTTTTTTCTCATTAAAGCCTTTGCTTA  
AGATGCAGGCAAGATTGATGCTGTTGGTTGGTGCAAAAGTAATTGCAGTGTCCCATTTAAAAGTAAT  
GGCACACACTGCAATTACTTTTGTCCAACTTAATACTTGGCTTTATTGACTTTTAGCATCAGTGCAGTT  
TGGTTAATGATAAAATTTCCAAAGCAGTGTCTCATCTGCAGGAGCAAATATAGCAAGGGCCCTGGCCA  
TCAGTTCTCCCTTCTGGTCCTGATATTCCTTTTTAAACTGTCTTTCCATACCCCTCCCTCCAGTGGGCTT  
GGCGATGTTGCATTAATAGCAAAGAGAAGGAAACTCCTCCCAAGTCTCCTACTGACCATTCTTTTTCCA  
CTCAGTCTGCTCAGAATGTAGAAGAGAAGTTGAA

**OTI Disclaimer:** All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence in [miRBase](http://www.ncbi.nlm.nih.gov/MI0003616). 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:** [MI0003616](http://www.ncbi.nlm.nih.gov/MI0003616)



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