

Product datasheet for **SC400013**

MIR101-1 Human MicroRNA Expression Plasmid (MI0000103)

Product data:

Product Type: MicroRNA Expression Plasmids
Species: Human
Vector: pCMV-MIR (PCMV MIR)
Precursor: UGCCCCUGGCUCAGUUAUCACAGUGCUGAUGCUGUCUAUUCUAAAGGUACAGUACUGUGAUACUGAAGGAUGGCA
Mature Sequence: CAGUUAUCACAGUGCUGAUGCU
Full insert: >MI0000103 TGCTGGAAGCTTACTGCATATTTGATGTATTAGAGTGAAAACCTAATCATGCAGTTGTTTCATCCTCATT
 ATATGGATAAGTCATGTGTTTCATCTTTTATTCTAATTTAATTCAACTGGGCCTTTTAATATTTTCAGCCTC
 ACCACTTGCTGGGCTCTGATCCTTCTTTTTCTTCTGCCTCCTCACGTCTCCAACCAGAAGGTGATCTTTT
 AGTCCTTCACTTCATGGGAGCCTTCAGAGAGAGTAATGCAGCCACCAGAAAGGATGCCGTTGACCGACA
 CAGTGACTGACAGGCTGCCCTGGCTCAGTTATCACAGTGCTGATGCTGTCTATTCTAAAGGTACAGTACT
 GTGATAACTGAAGGATGGCAGCCATCTTACCTCCATCAGAGGAGCCTCACCGTACCCAGGAAGAAAGAA
 GGTGAAAGAGGAATGTGAAACAGGTGGCTGGGACCCAGAAACCCTTTACCCTGCACCTCTGTCATACTT
 CTCCCGGGGCATAGGGAGAGTTATTCTGCTTCTTTGCCTTGTTTTGTAAACATGGGGTAGTTGTTGGTG
 CAGCCATGTTGTGCTGAGTGAACATATATTAAGATCTTTGGAACCTTTAGGAGACTGAAAATAGGTAAGT
 ATGAATTAGTATTTCTGGAATGGTATTCAGAGAACTTCC

OTI Disclaimer: All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence in [miRBase](#). 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: [MI0000103](#)
Synonyms: MIRN101-1
Locus ID: 406893



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