

Product datasheet for **SC400023**

MIR107 Human MicroRNA Expression Plasmid (MI0000114)

Product data:

Product Type: MicroRNA Expression Plasmids
Species: Human
Vector: pCMV-MIR (PCMVMIR)
Precursor: CUCUCUGCUUUCAGCUUUCUUUACAGUGUUGCCUUGUGGCAUGGAGUUC AAGCAGCAUUGUACAGGGCUAUCAAAGCACAGA
Mature Sequence: AGCAGCAUUGUACAGGGCUAUCA

Full insert: >MI0000114 CACAAC TACATATCCTTAGGAAAGCTTCCCTTACTCTAGTCACACTTTACAGAACAGGAGGGGTGTGTG
 TTGGGGGAGGGGAGGAATATATGCTTTATTTTAAAGAAGGCACTGGATGATAATGAATGATAAACCAT
 CACCTGTGAAACAGGATACAATTACAACCCATGTCATAGTCTCTAACCATCATTATTGCCATGTGTG
 CACTGAAATGTGAGGAAAAGGTCTGAGCATCCTTGACATAACTGCAGGTAATAATGCTCGACTTGCAATA
 TTCGATATTCTCTGCTTTCAGCTTCTTACAGTGTGCTTGTGGCATGGAGTTCAAGCAGCATTGTA
 CAGGGCTATCAAAGCACAGAGAGCTTGTACAGCCAAGGCCAGCCAGAGTCCCAGGCACAAAAAGGGGTG
 GAGCTGGTGACATACAAAGTTGTATTAACATGTTTTGAAGCATTGCAAGATTCGTTTGGAAAAATTGAA
 CCTTTTCTGAAATACAAGGTGTATAAAGTAGAACTCTTCACTGAGGTATATTAGAAAGACAGGAAAGA
 GGAGTTGAGGCATGGAACAGGTCATAGGAGAGTATTAAGAACCACAGTAGATCTGTAATGGAGTTTTTA
 TAAATACAGCTTTTAATAGAGGTGACATACAT

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: [MI0000114](#)

Synonyms: MIRN107 miR-107

Locus ID: 406901



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