

Product datasheet for **SC400448**

MIR514-1 Human MicroRNA Expression Plasmid (MI0003198)

Product data:

Product Type: MicroRNA Expression Plasmids

Species: Human

Vector: pCMV-MIR (PCMVMIR)

Precursor: AACAUUGUUGUCUGUGGUACCCUACUCUGGAGAGUGACAAUCAUGUAUAAUUAUUUUAUUGAUUGACACUUCUGUGAGUAGAGUAAACGCAUGACACGUACG

Mature Sequence: AUUGACACUUCUGUGAGUAGA

Full insert: >MI0003198 CTGTTGGATCTGAGGACTGCATACTGCTGATTCATTGCGATAAAAGCATGCAAGAATATTTCTTTTCATGA
GCAAGAGAACCTAGACAAAAAGTTCTGAAAAGTCCATGTAAAACCATGACACATGAGGGGATAGCACT
CGAGGGATGAATGAAGAAAGACGAGTGGGTATTGCATAGGTTATTTGGACAACTGTCAGTGTCTACTCAC
AGCCTGAAAGCATTGAGAAGTTGTTTCAAAAGTGCACAAATGGGTGCTTAGGGAGGGCTTCCATCCTTAA
ACATGTTGTCTGTGGTACCCTACTCTGGAGAGTGACAATCATGTATAATTAATTTGATTGACACTTCTG
TGAGTAGAGTAACGCATGACACGTACGACAGACAATGGCACTGTGGGTGCATTGAGGGTGTGTTTATTGTA
CACAGAGGGAAGCTTTCTCTAAAATGCACGTATAATACCTCTTCAAACCCCTAGTGTGCGCTCCCTCAA
GGGAAGCCTCTTAAGTGCCTTTCAGAGGCAAGTCTAGGAAGTCCCATGGTCTTCTGTGAGTCATATTC
CTTTTCCCAAGTTGCTTGATGGAATGAGAAAAAGACTTTCAGTGTGATGACAGTGTGCCTCGTTGCCTT
TGTGGTAGATTTTGTGTTTGTGTTTCT

OTI All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence in
Disclaimer: [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 Kanamycin (25 ug/mL)

Selection:

Mammalian Neomycin

Cell Selection:

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: [MI0003198](#)



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