

Product datasheet for **SC400305**

MIR296 Human MicroRNA Expression Plasmid (MI0000747)

Product data:

Product Type: MicroRNA Expression Plasmids
Species: Human
Vector: pCMV-MIR (PCMVMIR)
Precursor: AGGACCCUCCAGAGGGCCCCCCCCUCAAUCCUGUUGUUGCCUAAUUCAGAGGGUUGGGUGGAGGCUCUCCUGAAGGGCUCU
Mature Sequence: AGGGCCCCCCCCUCAAUCCUGU
Full insert: >MI0000747 GCAGTGAACCGTTCCATGGCGCCCCGAGCCTGCTGCCAAGGCCTCCTTGGAGCTGAGATGGAGGCGGGGT
GGCTGAGAGGCAAGCTGGATGTGCATGTTTGGGAAGAGGGCTCCGTAGAAAGTGTGTAGGGGCCTTGGC
TGGGGACCACGTGAGCCCTTGTGCGGAGAGGGCCTGTGTCTGTGGATCTGGGGTCCACCACAGGCCACTG
AGATGGGACAGGGCTGGGAGGATTGAGGAGGGAAGATCCTGAGTCAAATTGTGAAATCAGGCCACGCCTC
ATGTGGGAGGTGAGGAGAAAGGACCCTTCCAGAGGGCCCCCTCAATCCTGTTGTGCCATAATTCAGAGG
GTTGGGTGGAGGCTCTCTGAAGGGCTCTGAAGAGCGCTGCACCCGACGTGTGTGCCAGGAGTGGAGAC
AGGACAGTCGATACAAGAGGGGGCCCCCTGTATGTCAGCTGCTGAGTCCCCTGGGGCGGCCGGGACTGGG
GAATGGTGAACTCGCCGTGCCGCGCCTCTGCCACAGTCTCCCCTGGGTCCCCTGCCCAGGATTTTACC
TACCTCCCACCTCAGCCACGAGCACCTGCAGGATGCGGTGCCATCCTCGCCGGTGCCCGCTCCCCTTCC
GGAGGCTCTCTCCACCCTCACTGACGCCTCCTCGGAAA

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: [MI0000747](#)
Synonyms: MIRN296 miRNA296
Locus ID: 407022



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