

## Product datasheet for **SC400560**

### MIR582 Human MicroRNA Expression Plasmid (MI0003589)

#### Product data:

**Product Type:** MicroRNA Expression Plasmids

**Species:** Human

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

**Precursor:** AUCUGUGUCUUUGAUUACAGUUGUUAACACAGUUAACUAAUCUAAUUGUAACUGGUUGAACACUGAACCCAAAGGGUGCAAAGUAGAAACA

**Mature Sequence:** UUACAGUUGUUAACACAGUUAACU

**Full insert:** >MI0003589 CTCACCTTCTCACTTTCTCCCTCTTTCTTTACTCTCTCTGCCTCTACCTCTGACTCCTTCTCCTTCTTC  
CCAGCTTTGCATCAGAGCCATGTAAGTACATTTCTTGGTCCCTCAGGACCTGTCATAATAGCAGGCA  
AATATTAGATGATGATTCAATGTTAATGAATTTCTTGAATGTATGTATGTTGCTTCAAGTCATTCAT  
GCACACATTGAAGAGGACAGACAGAGCCCTGCTGAACACCACTAGCAAATCTCTCTAGTAGACCACAA  
CAAGTCAATCTGTGCTCTTTGATTACAGTTGTTCAACCACTACTAATCTAACTAATTGTAAGTGGTTGA  
ACAACTGAACCCAAAGGGTGCAAAGTAGAAACATTTCAATTGTGAAGTCGGCTGGGGACAAAGAAAACACC  
ACCGAACCCTTCAATATGCAAAGGAAAATTCCTTCTCAAGTACAAGCTACATGGTGCCTTTTGAAG  
TTATCATCAATTTGTAATGCTGTATCAATACATATGTATTCTGTTCTTTTGGTAAGGGTTGTTGAAG  
TATAAGGTACTTCTCCATTAAGGTGATACTAACCACATGTTAATTATTGTCTGAAAGTCACCAAGGATA  
TGAATAATAAAAAGTTTTAAAAATAAGACCTGTTTCTTTTATTGATAGTTGTAC

**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:** [MI0003589](#)



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