

Product datasheet for **SC400559**

MIR581 Human MicroRNA Expression Plasmid (MI0003588)

Product data:

Product Type: MicroRNA Expression Plasmids

Species: Human

Vector: pCMV-MIR (PCMVMIR)

Precursor: GUUAUGUGAAGGUUAUUCUUGUGUUCUCUAGAUCAGUGCUUUUAGAAAUUUGUGUGAUCUAAAGAACACAAAGAAUACCUACACAGAACCACCUGC

Mature Sequence: UCUUGUGUUCUCUAGAUCAGU

Full insert: >MI0003588 AGTTATTCCCAAGCACAAATGTAAAAAAAAAAAAAAAAAAAAAAAAATTCCTTTATGTAAAGTCTA
AGAGAACAGTAAAAATATATAATGTGGTAGCTGGTAAGGAAGAACTGGTTATAATTTAAAGCATAAAG
CATAATGCTTGAAAAAGATTCATGAAAACTATAATTTTATCTAGTTAATATATTTACAAAGCAATATA
TTTATTTACTGATATTTTGTAGTGGTCATCATATCGAAAATATATAGGGAAGGAGTATATAGGGAAGGAGT
AAGTAAGGTTTTCCAAAAAGTTATGTGAAGGTATTCTTGTGTTCTCTAGATCAGTGCTTTTAAAAATTT
GTGTGATCTAAAGAACACAAAGAATACCTACACAGAACCTGCAGACTGGTGCCAGTCCACAAAATAT
CTGTTTGAGTATGCAAGAAGATAAATACAGAAATTGAGAGTAAACATTTAGGAAATTTATAGCAATCTGA
CATCTCTGCAACATCCAAAGTATATGATTTTTGTATTCTACAAAAGCTTAGCTCAGATCTATGATGGGTT
AGAAAACAAATACTCAAAACAAACCAGTCTCTTACCACAGATGGTATTTGAAGTTCTGATCAAGCTCAT
GGTCTGCAAACTTTTCTCTAAAGGTCAGATTGTAATATAGGCTTTG

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: [MI0003588](#)



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