

## Product datasheet for **SC402048**

### MIR5587 Human MicroRNA Expression Plasmid (MI0019144)

#### Product data:

**Product Type:** MicroRNA Expression Plasmids  
**Species:** Human  
**Vector:** pCMV-MIR (PCMV MIR)  
**Precursor:** AUGGUCACCUCCGGGACUCAGCCUGUGCUGAGCCCCGGGCAGUGUGAUCAUC  
**Mature Sequence:** AUGGUCACCUCCGGGACU

**Full insert:** >MI0019144 GTGTATGCGGAGTGGACACAGCTGTGGGTGCCCGCCGCAAGGCTGGGGTTCGCTGTGCCAGCCCTGCT  
CCCATGTGGGCTCCCAGCTCCCCAGGTAGGGACGCTGACCCCGGAGGTGCCTTTGCCTGCATCCACTGG  
AGCCTCAGGAGCATGCGTTCCGTCCCCACGGGTCAACCCCACTGAGCCCACCACCTACCGAGAGGCACCT  
CGAGACCCTGTCTGCCACGGGTGGGCTGTCAAGGCCAGCACCAGAGACCCCAAGCAGACCTCAGTGGCC  
GCAGATGGAGCGGGCGCAATGGTCACCTCCGGGACTCAGCCCTGTGCTGAGCCCCGGGCAGTGTGATC  
ATCCTGGCCCTTCTCGTGACGTCCCCTGGCTGGATGCTCCTTGCTGCCCTCACGGGTGTGTGTGGC  
ATACAGGACAGGGACCGCCAGTTGGCCCTGCTCATTAAACCACTGTCCCCACAGGGCAGTGGCGGCCTC  
ACCTCTGCAATTCTCTGAGGCTGGATCTAGGCCACCGCCCGTTTAAACTAGGGCATCGGCTCCCAGGG  
AGGGCGGGGAGCTGCACAGTTGGACTTGTGGGGTCAGGCATGGATCCACACAGCCCGGGGCCCTCCGCA  
CCCTGCCCTCCAGGGAGCCAG

**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:** [MI0019144](#)



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