

Product datasheet for **SC401121**

Mir551b Mouse MicroRNA Expression Plasmid (MI0004131)

Product data:

Product Type: MicroRNA Expression Plasmids

Species: Mouse

Vector: pCMV-MIR (PCMVMIR)

Precursor: GUGCUCUUGUGGCCCAUGAAAUCAAGCUUGGGUGAGACCUUGGUGCAGAACAGGAAGGCGACCCAUACUUGGUUUCAGUGGCUGCAAGAAUGACUGCAU

Mature Sequence: GCGACCCAUACUUGGUUUCAG

Full insert: >MI0004131 GTTGGTATAGACTGAATTGGATGAGACCATGCACAATTTTTTCAGAGGATAGAAAAAACAGGCAGTGAAG
AAATATATACTAAATAAATTTAGAAAGAATAATTAATGTTTACCCATTACTACAACTAATTTGAAAC
AGTGCAGATAACCCGAATTGCACCAGAGCCATTTCAATTAACCAGCTTACATATAAAATACTATTTTGGG
GTGAGTTTACTGGGTCTTTTCTTGCTTTAGTCTTCTATCTTCTGCTGATTCTATCTATATTTCCAGATGT
GCTCTTGTGGCCATGAAATCAAGCTTGGGTGAGACCTGGTGCAGAACAGGAAGGCGACCCATACTTGGT
TTCAGTGGCTGCAAGAATGACTGCATGGTCGACAGGATGCCTTTGATGTTGCACAGGCCTTCCAGGAAAG
AAGCCATTGAAAACCTTCAACCAGTGTACTACACTCAGATACACAAAAGAAATGAACACAGTCCATGCT
CCAAATGATCATTTATTTCTCTAACCAGATTGGAACCAGTAGCAGTGAATGACACTGTTCATGATATTT
GAAAAGCAGTGTTCAGGCGCTAGAGCTATGGCTTGGGAACTGCTTGCAAAAAGAGCATAAGGATCCTAGT
TCGAATCCTCAGCACATGGGTA

OTI Disclaimer: All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence in [miRBase](https://www.ncbi.nlm.nih.gov/mi/). 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: [MI0004131](https://www.ncbi.nlm.nih.gov/nuccore/MI0004131)



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