

Product datasheet for **SC401049**

Mir450b Mouse MicroRNA Expression Plasmid (MI0004705)

Product data:

Product Type: MicroRNA Expression Plasmids
Species: Mouse
Vector: pCMV-MIR (PCMVMIR)
Precursor: GAUACAGAAUUUUUUGCAGUAUGUUCUGAAUACAUAACAUAAGCGUAUUGGGAACAUUUUGCAUGCAUAAUUUUGUAUC
Mature Sequence: UUUUGCAGUAUGUUCUGAAUA

Full insert: >MI0004705 GATGCTGAACATTTTTGCGATGTGTTCTTAATATGTACTATGAGTATATTGGGGATGCTTTGCATTCAT
 GGTTCATCCATCATATGGACAGTCACCTCCAAGCTGTAGCACCACAGTGACCAAGAGAGATACTG
 AGCTGTTTTGCGATGTGTTCTAATATGTGCTATAATTATATTGGGAACATTTTGCATAAATAGCTTTG
 TGTCATACACAGGCAAAAGGTTGGAAGAAAGAAGCTGCAAGTCTAACCATAGTTGTTTATGGTTTGTG
 TTATAATAGGAATCAGATACAGAATTATTTTGCAGTATGTTCTGAATACATAACATAAGCGTATTGGG
 AACATTTTGCATGCATAATTTTGTATCAATATATGGGGGAAGACTAGGAAGAAACATGACAAAACCTGA
 ACAGAACTTATGTCTCTGGTATTACAGGTGATGTTTATTGTTGCTTTATATTTTATTTGTTTTTTTA
 CCAATTATTGTGTAACAAAAATGTTTTCTTTATAGCAAAAGAATAAACTTATTTTATTTTAGTACTAG
 AGTCTACATTGATTTTGGAGGTGGGTGGGACTTGAAACAAGGTCACCTAATGTAATTAAGTGTGGCTA
 TAGCCTCAGTATATAGTGAGGCTGGCCTCACTCTCATAGAGAAC

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: [MI0001653](#), [MI0003537](#), [MI0004705](#)
 Both mature and minor (star) miRNA can be over expressed from the construct.

RefSeq: [MI0004705](#)


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