

Product datasheet for **SC401052**

Mir453 Mouse MicroRNA Expression Plasmid (MI0005497)

Product data:

Product Type: MicroRNA Expression Plasmids
Species: Mouse
Vector: pCMV-MIR (PCMVMIR)
Precursor: AGAAGAUGCAGGAGUGUGUGAGAAGUGCCAUCCCCUGGUACUUGGAGGGAGGUUGCCUCAUAGUGAGCUUGCAUUUUUAA
Mature Sequence: AGGUUGCCUCAUAGUGAGCUUGCA
Full insert: >MI0005497 CTGTAGCCATTCCATACCCTGAAGTGAAGTCTCTGAAGATGAGCTCAGCTTCACCCAGCATCCCCAGGAC

AACCTGCCTTGCAAACCTTGTTTGTCTGGGTATGGCTCTGCCACCTTTGACTTAGTAAACATTGCATG
 ACGAGTCAAAAATCACCTTCCTCTTGGCGCTTATTTGGGGCCCATAAACCAGAGGTTGGCCAGAGAGCAT
 GGGTCTGATTGGGACTTAAGCCACTTGGTTCACTTATTCTCAGAGTCTGTCCATTCTGTGTCTACTCCC
 AAGGTGTCCCCTGTGAAGAAGATGCAGGAGTGCTGTGAGAAGTGCCATCCCCTGGTACTTGGAGGGAGG
 TTGCCTCATAGTGAGCTTGCATTATTTAATGATGCCCAATACAGGATAGACCTGTTTTCTGTATCACATC
 TTACAGGTGCTTCCTTGGACCTGATATCAATCATGAGGAAGCCACGATCCTGGTGGGTTTATACCATC
 GTCCTTGAACATGTGGTTCTTCCAGTGTCCCCTGACCCCATCCAGTCCCTCCATGGAGGGCATTGTCAG
 CATTGAGGTAGATACCCATGTTATAAACTTAAGACATGGATGTGGTGGCGCTCATGGTACCTCTGGCTTT
 TTTTATCTATTTGTAAAGAAAAGTAACAAATTTGCTCCCCACGTCT

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: [MI0005497](#)


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