

Product datasheet for **SC403409**

MIR451 Rat MicroRNA Expression Plasmid (MI0001731)

Product data:

Product Type: MicroRNA Expression Plasmids
Species: Rat
Vector: pCMV-MIR (PCMVIR)
Precursor: UUUGGGAAUGGCGAGGAAACCGUUACCAUUACUGAGUUUAGUAAUGGUAAUGGUUCUCUUGCUGCUCCACA
Mature Sequence: AAACCGUUACCAUUACUGAGUU
Full insert:
>MI0001731 TCCTGGACCACACAATCAGGGATGCTGCTCCAGGAATGGAAGAGAGGTAGGGAGTTGTATGTCCATCCCC
GACCGACCCTGACCCAATCCCCCTGGCTCTCTCCGGCCTGCTGCTCCTCCTCCAGGGCCTTGGCTG
GGATATCATCATATACTGTAAGTTTGTGATGAGACACTACAGTATAGATGATGTACTAGTCTGGGTACCC
CAAGACTAGAGCCTGCCTGGTTTGAAGCAGAGGTGCTGAAGTGCATGGGGCTCACTGCTTGGCCTACAA
GCCTACCGACAGCTGTGGCATTGGGAATGGCGAGGAAACCGTTACCATTACTGAGTTTGTAGTAAATGGTAA
TGGTTCTTGTGCTGCTCCACAAACTATGCCAAGAAGAGCTCGTGACCCTGGAGCAGACTCCCGGAAGAA
AGAGAGACCCAGGCTGACAAGAGAATGGGGTGGGGGAATGGTACCTTTTCTCTTTCTGTTCCAAAGA
AATAAAAAATAAGAATAAGAACACTTGTCAATTAACCTTATTAGCATCCAAGGATGGGTGGGAGGATGGG
TGGGACGGTCTCTGTGAGTTTAAAGTCAGCCTGGTCTATGTAGGGATAGCCAGCCAGAGTTGTAGAAATGA
GAACCCGATCTCAAAAAATAAAAAATAAAAAATAAAAAATGC

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: [MI0001731](#)
Synonyms: rno-mir-451
Locus ID: 100314070



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