

Product datasheet for **SC403259**

MIR298 Rat MicroRNA Expression Plasmid (MI0000969)

Product data:

Product Type: MicroRNA Expression Plasmids
Species: Rat
Vector: pCMV-MIR (PCMVMIR)
Precursor: CCAGGCCUUCGGCAGAGAGGGCUGUUCUCCUUGGGUUUUUUGACUGGGAGGAACUAGCCUUCUCUCUGCUUAGGAGUGG
Mature Sequence: GGCAGAGGAGGGCUGUUCUCC

Full insert: >MI0000969 ATGCTACCACAAAAGCCACCTTGATAGAACCAAGAGGGTACTATAAAGATACTTGCCGCACCATGGCC
CTCTTTGTGCTACTGTGTGCAAGTGAGCCATTGGATGCAGTGATCATAAACAATCTGGCCATGAGATG
AGTGCCTCCAGCCCTTCCCTCTAGCACTCAGAGACTCAGAGAGTGGTCCCTGGGACACCTACTAGCTC
CTGCCAGTTGACTGCTTCTCAGTACCACAGCTATTTGAGGTAGGCTGGGAAGTTCTGCTGTGCTTGA
AAGAAGAGATACCTAAAGGCCAGGCCCTCGGCAGAGGAGGGCTGTTCTTCCCTGGGTTTTATGACTGG
GAGGAAGTGCCTTCTCTGCTTAGGAGTGGGCCAACAGTTTCTTCATTGAGACTCCGGCGGAAGGCT
GCTGGCTGACACATGGGGCTCATCCTCAGAGTCCCCTCGCCACCACAATTGAGAGAAAGAGTGCCAGA
GATTTCTAAAAGCCATAGAGAAGCGTGAGGTCTTGTCATAGTGTCTGAGCCCACTACTCAGACCACCAC
CTTCCATTGTCAATGCAGTGGCTTCTGGGTATGTAGCTGGGAGGTGGCGGAGCAGTCCAAGATCATTTA
GTGATCATGAGACCTTATACAGAGAGAGACCCTCTAGGGTCTTGTGTTGGGG

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: [MI0000969](#)

Synonyms: rno-mir-298

Locus ID: 100314250



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