

Product datasheet for **SC403249**

MIR290 Rat MicroRNA Expression Plasmid (MI0000964)

Product data:

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

Full insert: >MI0000964 CCGATCTTGGCCAACAAAGAAAACTAGGCTTTCCTTTGGGAAAGTACGGCCTGGTCATTCTTACTGGG
AGAAACTTAAACCTACTTGAGAGGGAGTAGTAGTTTTGACAAAACGGAGGCTGGGATTCACCTTGGGCAGG
TCAAGAGTCTGCAGTGTGCGATTTAATTGTAGAACTTGAATAGGCCTCAGTCGGCTTGATCAAACTTA
GAATCTGATACTAACTCTGTTTCATGATTTTCATCCAGGTTTTCTCAGGCTGGAGTGACTGACGATGTTTT
TCTTGCTGCCACCGTGTCTGTCATCTTGCAGTTCTCAAATATGGGGCACTTTTTTTTTCTTTAAAAAG
TGCCGCCAGGTTTTAGGGCCTGCCGTTGAGAAAACGGCGATCGGAAACAAGTTTTAGACACGAGCAGCC
CTGCTACCACGTGTTCCGGGTAGACTGCACTGTGTTGGAAGTTGGGATTCGGGGCAAGGGATGAGTGGCT
GGGTATAAGGAAGCTTCGGGGTGGGTACATCCTGTTAACTGTAAGTGAGGTGGTTGTAGGGACCTGTGG
AGTCCGGCCGCCAGTCGGGGCCTGGAGCTGTTGAATGCCGGTGTAGTACCATCAAAGTGGAGGCCCTCT
CTTGGGCCCGAGCTAGAAAGTGCTTCCACTTTGTGTGCCACTGCATGGGGA

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: [MI0000964](#)

Synonyms: rno-mir-290

Locus ID: 100314249



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