

## Product datasheet for **SC403195**

### MIR1949 Rat MicroRNA Expression Plasmid (MI0015441)

#### Product data:

**Product Type:** MicroRNA Expression Plasmids

**Species:** Rat

**Vector:** pCMV-MIR (PCMVIR)

**Precursor:** GGGAGAAAAGCAGCCAUAUAGCUGGUUGGCAUUCUGGGCCUGGUUCAUGCCAACUCUGUUGUUAACUUAUACCAGGAUGUCAGCAUAGUUGCUUACCCA

**Mature Sequence:** UAUACCAGGAUGUCAGCAUAGUU

**Full insert:** >MI0015441 AGACTTGGTTAATGGAATGGTTATTTGGGAGTAGAGTTCACAAAAGTTAAGCTGTTTCTCCACTGTTTCTT  
GGACTCAGCCCAACAAAATGAAGGGGATTTGAGGGCCAGAGATGGGTTCTGTTTTTTAACTGTGCGGG  
TGTTGACTGACTCTAATCTAGGATGTTTTGATTTCATAGTGCCCAGCTGCCAGTTTGAGGAGATGCTTGC  
CCTGGTAAGTACAGTTACAGCTAGTTCTCTTTTGCCCCAGCTGTAGGCAGCTACCTAGGTTTCCTTGTACC  
TAGGCAAGTGTTACACGGCTGGGAGAAAAGCAGCCAATAGCTGGTTGGCATTCTGGGCCTGGTTCATGCC  
AACTCTGTTGTTAACTATACCAGGATGTCAGCATAGTTGCTTACCCATGAAGAGTAAGTTCTGCAGGAAG  
AAACCTAAACTCTACATGGAGGTTAGTTGCTTAAATCACAACCTGGAATGGAAGTGAAGAGCCAG  
TGAGGGATATAAATAGGAGAAAAATCAAGGTTTATACCTGTGAATGGTTGGAAGTGGGCCTGAGGCAGT  
GAAGGGAGTTATTGGACTGCACTTTGATTAATAATATATCATTTCCTCTCCACAATAATAAAGCTAA  
ATCATGATCCCCTTTAGTGAGCTCCCTGTTGGGAATATTGAGTCTGGTGTGTAGTATGCAGGACCC

**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:** [MI0015441](#)

**Synonyms:** rno-mir-1949

**Locus ID:** 100526586



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