

## Product datasheet for **SC403531**

### MIR9b-1 Rat MicroRNA Expression Plasmid (MI0015430)

#### Product data:

**Product** MicroRNA Expression Plasmids

**Type:**

**Species:** Rat

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

**Precursor:** GCGCAGUGUAUGGGGUUUAUUUUUACUUUCGGUUAUCUAGCUUUUAUGAAGACUCCACACCACUCAUACAGCUAGAUACCAAAGAUACAACCAACCCGCCUCCU

**Mature Sequence:** UUCGGUUAUCUAGCUUUAU

**Full insert:** >MI0015430 TCCGAGTTCCTCCCAACCCTTCAACTAGATTCCAAGGGCTCTGTCTCTCCAGGAGCAGCTCCCCCCGC  
 CCCGGACTGAAGCCTGGACTGCTCCATTTTGACCAGGCCTCCAGAGGCGACCCTAAAGCGGCTTCTTGCT  
 TTCTTCCAGCTGAGCAGGTACGGGTGGGGATCGCGAGGTGGCTGAGCTGAGCAACCCTTGAAGACGAT  
 GACTTCCCCTCCCCAGCCCTCCAGCCTTGAGGGACGCCTGGCGTGGCTCTCCCTCCTGCAGCTGCCGCC  
 ACCAACGTTCCAGGCCCTCTGCGCAGTGTATGGGGTTATTTTACTTTTCGGTTATCTAGCTTTATGAAGA  
 CTCCACACCACTCATACAGCTAGATAACCAAAGATAACAACCAACCCCGCCTCCTGGCCGCCGCCTCCTC  
 TTCCACGCAGCCTCCCGGCCGCCGCCTGGACCTCCGAGTCTCGAGTCGCTCGACGGCGGATGGGGGACG  
 CGCGTGTGTGGAGGCGAAGAGATGGAATCCTGGACCTCACGCACTAGCACGACGAGACCTCAAAAAGGC  
 GAGGAAAGGATGCTACCGCCGACAGTTCTGAGGTCGGGAATCTAAGTGCATCCAAGCAGCCCTAAGCCT  
 GACCGCCCATTTCCCGCTCCCTCCACCTCCGTGCAGAAGCAGGGTCCGCCGGTGTGGTGAAAGGCTT  
 CAGGGCCT

**OTI** All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence [imiRBase](#). The  
**Disclaimer:** 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:** [MI0015430](#)

**Synonyms:** rno-mir-3597-1



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Locus ID: 100526581