

## Product datasheet for **SC403256**

### MIR295-2 Rat MicroRNA Expression Plasmid (MI0015968)

#### Product data:

**Product Type:** MicroRNA Expression Plasmids  
**Species:** Rat  
**Vector:** pCMV-MIR (PCMVMIR)  
**Precursor:** CAUUUUGGUGAGACUCAAAUGUGGGGCACACUUCUGGAUUAUGCGUAGAAAGUGCUACUACUUUUGGGUGUCUCCUGUGGG  
**Mature Sequence:** ACUCAAUGUGGGGCACACUUCU

**Full insert:** >MI0015968 ATCAACTCTGCTTAAACCAGCTGTACCCACCTAATGATAGGTAACCTGGACATGTCTAAAGGTAACCA  
GAAATCCCATCTATTAACCCATTTAACTACCCAGGCATGGTGCCCAAATTAGACTAAGTTGAATGAGC  
CCTTATTAGTGATATATGTACAAGGCCACTATGAGCTCAGCTTCTGGGAGACCCACAGCTCCCTCATAC  
ACAGCTGGGACTTATTACCCCAATCTAATTACAGTAAAGGCCAGGCCTATTACAGTAATTTTAAAGGT  
ACAGGGATCTGTGAGTAGTGCCACAGGAGACCCAAAAGTAGTAGCACTTTCTACGCATAATCCAGAA  
GTGTGCCCCACATTTGAGTCTCACAAAATGAGCAAGTCGGGTTGATTGAAGTCCCGGATGCCTTCTTCC  
ACACAGCAACACAAAAATGGAAGCACTTTCTACTTAAAAGCTTAGATAGGGCCTCCATTTTGAGCATGG  
CTATGGTGGTTTTTCCAAGATCCTCCATTTCATGCCTGCAATTCATCTCTCAATCTCATGAACACTTGCA  
GTTTAAATACAGTACCTCCTGTCAAATCCTTCCAGTCTCAGAAGGCTCAGTACTCTTTTCCCCTACCAAC  
TCAACTTTCCCGGAGCTCACTTGTGAAATCATAACCCACAGATGACACCC

**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:** [MI0015968](#)

**Synonyms:** Mir295 rno-mir-295 rno-mir-295-1

**Locus ID:** 100314273



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