

## Product datasheet for **SC403337**

### MIR3559 Rat MicroRNA Expression Plasmid (MI0015421)

#### Product data:

**Product** MicroRNA Expression Plasmids

**Type:**

**Species:** Rat

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

**Precursor:** CUCAGAAGAAAGCCUUUUUCUCUCUGCGUGACAGACUUAGUACUACAUGAUCCAUGUUAUGAAACUAAUGUAGUACUGAGUCUGUCGUGCAGUGAGUAAAAAAAAA

**Mature Sequence:** UGACAGACUUAGUACUACAUGA

**Full insert:** >MI0015421 CTCTCTCTCTCTCTCTCCCTTCTTTTTCTCTCTCTGTCCCTCCCTTCTCCTTCCCTTCCCCCTTAC  
CCCTTACTCTCTCTCCCTTCCCTTCCCTCAATCCCTCCTTCTGTGTATAAGCAAATTTGAATCAAAG  
TGAAAGTTTGTGTCAGTTGCAAACCTACTACCTCTTTTTCCACCAGCCCTGGTGATGGACTCCTTTC  
CTATGAGGTCTATGAATGAGTCCCAGAACCCGCTACTGGCAAATGAGGAACCCCTGGGAAGACAACGAGGA  
TGAAAGTCAAGGTAAGTAGGCTCAGAAGAAAGCCTTTTTCTCTCTGCGTGACAGACTTAGTACTACATGA  
TCCATGTTAATGAACTAATGTAGTACTGAGTCTGTCGTGCAGTGAGTAAAAAATCCAAGAGATTTGA  
TAAGCATAACAACACTACATAAGTGCGCCCTGGGTGGGGGGGTGAAAAATATGGCCAGATTTGTTAACAA  
ATGTCGGTGGCAAAGGTAGCTTTGTTAGACAGGGCTCACTAGAAAATAAAACCAATAAAGTACATGTACA  
CATTACAGATTATGAAAGGGGATTTACTAGAAATGGCTTTTATGATAGGACCTAGGTTGTCTAGCAATGGC  
CCTAAGTATGGTGGAGGTTCAAGGTAACCCTGTGTCTGCTCAGTCCATGACGCTCAAAGTCTCGTAAGTT  
CCAGTCTGGTCTAG

**OTI** All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence [imiRBase](#). The  
**Disclaimer:** sequence of a miRNA clone may differ from the NCBI reference with respect to biological polymorphisms. This should  
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:** [MI0015421](#)

**Synonyms:** rno-mir-3559



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Locus ID: 100526576