

## Product datasheet for **SC403363**

### MIR3590 Rat MicroRNA Expression Plasmid (MI0015468)

#### Product data:

**Product Type:** MicroRNA Expression Plasmids  
**Species:** Rat  
**Vector:** pCMV-MIR (PCMV MIR)  
**Precursor:** GGCCGAUGCCUUUUUACAUCACUGCUCGGUACACGUGUAGACAGUAGCACA AUGUGAAAAGAGCUCCGGCC  
**Mature Sequence:** UGCCUUUUUACAUCACUG  
**Full insert:**  
>MI0015468 TGGGGTTTTATTCCGAAAGGCTGAAGACCAGATGATACCCTCCTATAACCAGCAGGTGGCATCAAACCA  
TTCACCTCCTCAGTTCAAATCTCTCTGGACAGATCTACAAAACATGAGTGCCTTCTGTTGGGTTTAGA  
GCAGAGCTGTTCACTTAGGAGCTTTACAGCACAAGCCAAATAGCTTCTCACCTAACGAATGGCTTCATAT  
ATCCAAACTCCCACCAGGGTCGCTGACTGGTCCTCGGATGGGAGAAAACAGTGACGCTGAGGAGGCTGCC  
GGCACTGGGTAGTACTACAAGGCCGATGCCCTTTAACATTGCACTGCTCGGTACACGTGTAGACAGTAG  
CACAATGTGAAAAGAGCTCCGGCCAGCAGCAAAGGCATGCCGGCCCGCTCCTCACCTTTCTCCAGTC  
TCTGACCAAACCTCAGCTCACAGCCTTCTCTCATCCTCATTTCTTCCCAGCAAAGATACCCTTTTCTCT  
GAGGGTGGTGGTGCAGAGCCAAAGAAGACAGCCTGTGGGAGTCTCAGCATTTGACGCTTCTCAAAGGAA  
ATAACTGTTAAAAAAAAAAAAAAAAAAGTCCAGGTGGTAATAGGTGACACTGCATTCTGCCTGCAACCT  
TTACTCATCTCCAGCCTAAAGCTAACTAATAATTTTAATAAAA

**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:** [MI0015468](#)

**Synonyms:** rno-mir-3590

**Locus ID:** 100526606



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