

## Product datasheet for **SC403340**

### MIR3562 Rat MicroRNA Expression Plasmid (MI0015424)

#### Product data:

**Product** MicroRNA Expression Plasmids

**Type:**

**Species:** Rat

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

**Precursor:** UCUGGUUAUAUCAGGCUUGCUGUGAUUUUGGGGCAGUGGCUUGAUGGGAGGGGACUCACAGCCCUAUCUCUAGUGCAACCCUGUCCACAGGUCUAGAGCCUGAG

**Mature Sequence:** UUGGGGCAGUGGCUUGAUGGGA

**Full insert:** >MI0015424 TGGAGAAAACGGTAGAAAAGGACCCAGCATCCTTTAGGCTGATGGACCCGGTATGTGAATGAGGTTTTAG  
GTTTCACCTTCAGACTGCCCTTGTGGAGAGTCTTCTCCTCCAGGATCCTGGTGGGTGGCATCATGCC  
ACTGGGAGAGCCAGTGGTCAGAGCACCAAGAGGCTGGGCAGCCTTGTGTACCACAGGCTTGGCAAGCCAT  
CGTGGTCTGATGGTATATCCAAAACACCCTGGAGCTAGGTCTCTGGAGTGCAGCCTCATCTCCCTCTTA  
TCCACTGACTCTAGTCTTCTCTGGTATATCAGGCTTGTGTGATTTGGGGCAGTGGCTGGATGGGAGGG  
GACTCACAGCCCTATCTCTAGTGAACCCCTGTCCCCACAGGCTAGAGCCTGAGATCCAGAACTAATT  
GCCAAGCACAAGCAGGAGGTGAGGAGGCTCAGGGGCCTGCATGAGGCTGAGCTGCAACAGCGGAGGAGC  
AGGCCGCACAGCGCCACCTGCGTCAAGCAGAGGAGCTGCGGGAGCACCTGGAGCGGGAGAGGGAGGCGCT  
GGGCCAGCAAGAGCGGGAGCGAGCCAGCAGAGGTAGGAGGGCACTGGAGGCTGTGGTCTTATAGCAGCC  
CCTTGACTCCCCAGAACAGTGTGGGACTTGTGCAGGCCACCTGCTGTGAGGGTTCTTGTGTGGTCTG  
GGATGCGGTGGC

**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  
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:** [MI0015424](#)

**Synonyms:** rno-mir-3562



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Locus ID: 100526577