

## Product datasheet for **SC403458**

### MIR6318 Rat MicroRNA Expression Plasmid (MI0021840)

#### Product data:

**Product** MicroRNA Expression Plasmids

**Type:**

**Species:** Rat

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

**Precursor:** GAGAGACCGGCGGGGUCAGCACUCAGGCCUGGCCAAGGACUCCCCGUCUGGUCAAAGGCUGCCUGGCGCAGGGCCUGUAGCUGCUCGCCUGCUCCUAAAG

**Mature Sequence:** CUGCCUGGCGCAGGGCCUGUAG

**Full insert:** >MI0021840 TCTCCATGGAGACCCTGATGAAGTTGAGCTGCTGCCCCATCCCCCTGCCCCAGCCTGTACTAACCCGAC  
TGTATGCACTAGGCGCATGTCTGGAGAAGTAGAGCATGTTGTCCAGGGCCAGTAGGCCAGGGGGCACACG  
TTCCAGGTCCTGGGCCGGGCTGCTATTCTACAGACGAGAGTGCAGGCAGCTCAGGAAGGGCCACAGTCCT  
AGAATAACTGTAGCCTGGAAGGAGGTTTGGATGGAACTATGGCAGGGGTAACACCGAGAAGCCTAGC  
TTGCGGAACTCTCGGACACAGAGAGACCGGCGGGTTCAGCACTCAGGCCTGTGCCAAGGACTCCCCGT  
CTGGTTCAAAGGCTGCCTGGCGCAGGGCCTGTAGCTGCTCCCGCTGCTCCTAAAGTTAATGGGAAGGGG  
ATGTCAAGATCATAGATTGAAAGCAAATTCTAGGTGACCCTCCAGCCTTTGTACCCCTTGACCTGGCT  
GTAGGGATCAAGGGGTGCCGCATACGTGGCTCCAGCAGCCCCAGTGTAGAGCCTGCAGCACATAAAG  
TGATGAGCCATCTCGTCACCCATGGGTGCTGCACTGTGGATGATGTTCTGGAAGACAACCAGGCTTGAGT  
GAGACTTGCTGGAAAGGAAGACTGAGGGGAGGGTCTCCCTGGCCTGGCCATCCTACCTTGATAGTAA  
CTGGCGAAG

**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:** [MI0021840](#)



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