

## Product datasheet for **SC403462**

### MIR6321 Rat MicroRNA Expression Plasmid (MI0021844)

#### Product data:

**Product** MicroRNA Expression Plasmids

**Type:**

**Species:** Rat

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

**Precursor:** UCGAGUGUUGAAGUCUCAGGUAGCAGUGCUCUACUGCAGUGAGUUCUAUGAAGCCUCAGGUAGCAGUGCUCUACUGCAGUGAGUUCU

**Mature Sequence:** UACUGCAGUGAGUUCUAUGAAGC

**Full insert:** >MI0021844 TTGTATATATAACACATATATAACAATTTGTATTTAAGGTATTCATTAAGAAACGTGCTTAAAAATATA  
TTCAAAGAAAAAACTTGTAAGAAAATAATTTTAAGAAGACACATTAAGCTTGCAGCATTGTTTCATGG  
TGTGTCATGAGCACAGACCAGGCAACACTGTATTCTCCCCCAACGACAGTGGCTCACAGTACCTGAAGG  
ATTGACTCATGTGCCTGTTACTGAAAATGTCTACTTATCTCCAGACATGACAAAGCAATGGGAGGTTTT  
CTGTTTGCCTCATGTCCATTGAGTGTGAAGTCTCAGGTAGCAGTGCATGGGTCTCTACTGCAGTG  
AGTTCTATGAAGCCTCAGGTAGCAGTGCATGGGTCTCTATTGCAGTGAGTTCTATGAAGCCAATGCTC  
TCATGATGGAAGAAGAAGGCGCAATTATTGCTGGCCTCCTGGTCTGAATGTCATCGATGCCAATTT  
CTGCATGAAAGGAGAAGACCTGGACTCTCAGGTATGGGAACTCCTGTGACCAAGGGCTTAAATGGGT  
CCTGGCTCCTTTGCCTGGGATGCTCAGCTCATACTAACCACGTTAGAAGACACTGTGTGAGCATCATAAA  
CAGGATTTTCTTTGGGTTTGTGTTACAGAATTAATATGCCTTCCCCTTTACACACCTAAGATTAATAA  
AGAAAAAGGTCTAATACTATATGACTGGTCTGGCTAAGCAC

**OTI** All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence [imiRBase](#). The  
**Disclaimer:** may differ from the NCBI reference with respect to biological polymorphisms. This should not affect the function of the 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:** [MI0021844](#)



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