

## Product datasheet for **SC403269**

### MIR301b Rat MicroRNA Expression Plasmid (MI0006137)

#### Product data:

**Product Type:** MicroRNA Expression Plasmids  
**Species:** Rat  
**Vector:** pCMV-MIR (PCMVIR)  
**Precursor:** GCUCGGGUGCUCUGACUAGGUUGCACUACUGUGCUGUGGAAAGCAGUGCAAUGGUUUGUCAAAAGCAUCUGGGACCA  
**Mature Sequence:** GCUCUGACUAGGUUGCACUACU  
**Full insert:**  
>MI0006137 GTTCTGGGTTGAAACGGGTTGCAAGTAGACCCACTGTGTTCTCCTGCAGCTGAGTGCAGGCCCTCTCC  
TTTGTGTTTAAACCCCTCGGGTGGTCGCCCTTCAGCTTCTCCTAGAAAGTGCTTCACCAGAATAAGAAT  
CATGTTGGAGAAAGTTTGAGTGCCTGAAGTTTGAAGACCAGAGGACTGCATCCCGGATGGAATCCCTT  
CTGTTCTCCAAGTCTTGAATAGAGGTCCCACCCACCCGCGGTGGTTGAACTTCCAGTCTCGCTGCAGGA  
GGGCGATGGATTCCCTGCTGGCTGCGGGTGTCTGACTAGGTTGCACTACTGTGCTGTGGAAAGCAGTGC  
AATGGTATTGTCAAAGCATCTGGGACCAGTCTCACAGACTACCTACCTAGAGTTCCTTCTTTCTCCCG  
CTCCAGGCCTGGCCCTCAGGCTCGCAGGCTATCCCTCCCCCTGCTCATTTTACTCTCTCTCCTTGGGA  
AACTTGAGATTGCAGCCAGGCCGTGTGTCTCTGGGGTCAGAGGGCGTCTTTGCTCAGGCAGAGGCTCCGC  
CCAGGTGGGTATGCATTCTAAACCTAAGATTCCCACCCACCCAGCCACCCCTCCCCATGCCCCGCCCT  
ACCCCTTGAGACTGACTGGCTTGCTGGACACTCTTCCCTGTTGCACT

**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:** [MI0006137](#)  
**Synonyms:** rno-mir-301b  
**Locus ID:** 100314104



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