

## Product datasheet for **SC403267**

### MIR300 Rat MicroRNA Expression Plasmid (MI0000971)

#### Product data:

Product Type:	MicroRNA Expression Plasmids
Species:	Rat
Vector:	pCMV-MIR (PCMVIR)
Precursor:	GCUACUUGAAGAGAGGUUAUCCUUUGUGUUUGCUUUACGCGAAAUGAAUAUGCAAGGGCAAGCUCUCUUCGAGGAGC
Mature Sequence:	UUGAAGAGAGGUUAUCCUUUGU
Full insert:	>MI0000971 TAGTATCCCTTCCCTGACCTCAGACGAAGTTGTTTCTCTGTGCGTTCCCATGGGTATGATATGTTTTCT GGAATCAGCTTCTTTTTCAGTAGCAGCGAGTCTTGGAGACTGCCTGGGTGGCCATCATTGTTGGTAAGG GCACCTTGGGTACCCTTTGGGGATGTAGGGGGGAGAAGGGGCATGTGAGTCATCTGGGTGTGTCACC TCCAAATGTGTCCCCTCAGGCTCTCTTCTGGACTGTCATCGCACCCATCATCACACCGGACCAGCTCTC CCCAGCGCTCCTATCGTTTGCTACTTGAAGAGAGGTTATCCTTTGTGTGTTTGCTTTACGCGAAATGAA TATGCAAGGGCAAGCTCTCTTCGAGGAGCAAATGCTGCCTGGAAGCAAGGCTGGCGGCCTGGGCCTACCA GAAGGGCACGGTCACTCCAGGGTAAGTAAATGCATGCAGCGGGCCATGGAGCATGGGCGCCTTCTGCGAC TGACCTCCAGCTCTCATGCACGTTTCTGAGAACTTTCTAGAAAAGATGCTGACTTGGGAGATCATAAGG GCTTTTCTTGGCAGAGCCAAGGAAACTGTGCCTCCCCTTCTGGCCGCCCTTCACTGTGTTATGTGCATGC CAATCATCTTCTAAAATCAAAAGAGTGTGAGCAGCAAGCCAGTGCCCAT

**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:	<a href="#">MI0000971</a>
Synonyms:	rno-mir-300
Locus ID:	100314196



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