

Product datasheet for **SC403169**

MIR16 Rat MicroRNA Expression Plasmid (MI0000844)

Product data:

Product Type: MicroRNA Expression Plasmids

Species: Rat

Vector: pCMV-MIR (PCMVMIR)

Precursor: CAUACUUGUCCGUCUCUAGCAGCAGCUAAAUAUUGGCGUAGUGAAAUAUUAAACACCAUAUUUUGUGUCUUUAGUGUGACAGGGAUA

Mature Sequence: UAGCAGCAGUAAAUAUUGGCG

Full insert: >MI0000844 GTTGGAAATCTTCTTAGAAGCCATGGGATTGACTTAGACCATAATCGATTTTTAATCTTGCAGGTACGTT
TAAAAATCTTCCAAAGTTTTGGGTTTTGGTTTTGTAATAAAGCTTCAAAGGGCGTTGTTCTGTTTTGGT
AATCCTGTCTTTGGAACCTTAAAGTACTGTAGCAGCACATCATGGTTTACATACTACAGTCAAGATGCG
AATCATTATTTGCTGCTCTAGAAATTTAAGGAAATTCATTCAAGACTATATTGTTATCATCACACTTGT
TTATTATGTTTGGACATTGACATACTTGTCCGCTCTAGCAGCACGTAATATTGGCGTAGTGAATAAA
TATTAACACCAATATTATTGTGCTGCTTTAGTGTGACAGGGATATAGCAACTCCCTTTAAGATAAAAGT
GTTTCATAGTCCCTTTGTTTATTGTCACTTTTCTAACATAAAAACCATATATTTGATATTACAGCAAT
TTTCTGGGTACCTAATAAATATTTTATATTTCAATAAAGGTTTACTTTGCGTGGGTTAATTTGTAC
ACAATGGCCTAATTTCTAAACCAATACTATTAGTATCAATTCTTAGGGAAGTCCTTTTAGAAGTAA
AAAAATTAGGTTCTGGTATTTTCATTATTATTCTTTTATTTTATTGTTTCTTCTTTTT

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: [MI0000844](#)

Synonyms: rno-mir-16

Locus ID: 100313997



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