

Product datasheet for **SC403107**

MIR1 Rat MicroRNA Expression Plasmid (MI0003489)

Product data:

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|---------------------------|--|
| Product Type: | MicroRNA Expression Plasmids |
| Species: | Rat |
| Vector: | pCMV-MIR (PCMVMIR) |
| Precursor: | UGCCUACUCAGAGCACAUACUUCUUUAUGUACCCAUUGAACAUAGAAUGCUAUGGAAUGUAAAGAAGUGUGUAUUUUGGGUAGGUA |
| Mature Sequence: | GCACAUACUUCUUUAUGUACCC |
| Full insert: | >MI0003489 GAAGAAACGGGACATGTGACGGAGGGAGCGGCAAGCGCGCTAACATTTGTTAATATACCTAGAACTCTGCTGGCTCTGCATCTCCTGAAAAAGAAGGAAGCAGGGCAAAGCATGGCAGTGCTTTAAAGAACAAAGAGCAGAGTGGCATTGATGGGACCAGGTAAATCTGTTGTAAAAGTCAATCTCTAACAAGCTAATCTCTGCACATGGTCCATTACTGCTCCAGAAAAGAAGTCAGAACGTTCTACTAACAATGGAGGATGGGCTGCTTCATGTTTCCACAACATCGGCACAATAGTGCCTACTCAGAGCACATACTCTTTATGTACCCATATGAACATAGAATGCTATGGAAATGTAAGAAGTGTGATTTTGGGTAGGTAATGTCCGCCAAGAAGAAGCTAAGCAGAAGATAAAGGAAACCCTTCCAGGAGGGTGACCTTCATACTTTGGATTAACCTACTGTCAAGAAAATGGCCACTGACAAAACCTAACAGCCCTATTCAAAAGTACCAGTCATTTATGGGTGCACACTGGTACCCCTTATATTATACTTAAGGAAAAGCTCCAGGGAAGTGGATTTTAAATTTTACATTAACATACTACACTCTACACTGAATATCACACAATTAATAATTTGACTACTGCAGAGGAAATAGTATTGCTAGCACAAAACATT |
| 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: | MI0003489 |
| Synonyms: | rno-mir-1 |
| Locus ID: | 100314077 |



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