

## Product datasheet for **SC403102**

### let-7c-2 Rat MicroRNA Expression Plasmid (MI0000831)

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | MicroRNA Expression Plasmids  |
| Species:                  | Rat   |
| Vector:                   | pCMV-MIR (PCMVMIR)  |
| Precursor:                | ACGGCCUUUGGGGUGAGGUAGUAGGUUUGUAUGUUUUUGGGCUCUGCCCCGCUCUGCGGUAACUUAACAUCUACUGUCUUUCCUGAAGUGGCCGC   |
| Mature Sequence:          | UGAGGUAGUAGGUUGUAUGGUU  |
| Full insert:              | >MI0000831 CTCAGCCAGGTGGGCACTGGAAGCTCCCTGAACCTGACTGGCTTTTGACAAATGACACCCTTCCCCATA<br>GCGGCCACTCTGTTTAGTGACTGATCAGAGCCGGGTGCTTTCTATCTTCTCCACCACTTCCCTTACT<br>CTCCCCTGGCCCCCTTCGAGAGAAACCCAGTCTCTACTAGCTCATACCTCACCGCTGAACTGGCCGTG<br>TCAACCGCTCACCATGTTCCAGCTCACCTTCTCCTTAGGAGGGACCTCGAGAAGCCACGGCATCCAG<br>CTCTCCGCAAGACTGACTGACGGCCTTTGGGGTGAGGTAGTAGGTTGTATGGTTTTGGGCTCTGCCCGG<br>CTCTGCGGTAACATAACAATCTACTGTCTTTCTGAAGTGGCCGAATATCTGCAGTGGATACAACGGCG<br>GCCCTGGTGAGGGGAGACGGAGGGGAGGGACAGGGTGGTTGGTAGTGCCATGTAAAAAGGAGCCATCCTC<br>AGCACACCCGTGAGCACAGCCTGCAGCCTGTAGGCCACTGTCCCTGGGGTGGTGAGTTCAGACACCAGAG<br>GCTTACAGTCAATCGATCTGGTGGGCACAGGTCTTTCTTGTGAGCTGCTGTCTCCGCTTCCCCTCCC<br>CACCTGCCCTGTGCCCTATGGCTCTGGTGGCCTGTGGCCAGGGTGGGTGGGGAGCGGCTGGCC |
| OTI Disclaimer:           | All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence in <a href="#">miRBase</a> . 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="#">MI0000831</a>   |
| Synonyms:                 | rno-let-7c-2  |
| Locus ID:                 | 100314224   |



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