

Product datasheet for **SC403099**

let-7a-2 Rat MicroRNA Expression Plasmid (MI0000828)

Product data:

- Product Type:** MicroRNA Expression Plasmids
- Species:** Rat
- Vector:** pCMV-MIR (PCMVMIR)
- Precursor:** CGGCAUGCUCACAGGCGUGAGGUAGUAGGUUGUUAUAGUUUAGAGUUACAACAAGGGAGUAACUGUACAGCCUCCUAGCUUUCUUGGACUUGCAC
- Mature Sequence:** UGAGGUAGUAGGUUGUUAUAGUU
- Full insert:** >MI0000828 TTTTTCTATCCCTTCAATGGATACCAGAGACTGGTGTAGTGATCAGAACAACCTGTTAGATAATAATACTA
CCATTAACCTTGCATGGATATAAAATTTCAAAGGTACCAGTCCCCAATATCTGCTTCATTCACACACAGA
GCCATCTCTAGCCAGAGTTTTCTTGACTTTTTGCTTGGTCAGACCCTTAATGCGTTGTTTCTTATGAA
TGGCCCAAGTAGGCAACAGCGTGAAGAACTTTTGTGAGACTATCTTGAATGGAAGGGCTTAAGAAAGGG
TAGCGCTCCAGCCACTGTGACGGCATGCTCCCAGGCTGAGGTAGTAGGTTGTATAGTTTAGAGTTACAAC
AAGGGAGATAACTGTACAGCCTCCTAGCTTTCCTTGGGACTTGCAAAAGCAACATGGTGAGAACGAACT
ATGATTCCTCCGGGCCCTTTTTCTAGGAAAGCCTTTGAAAGGTAAGACTGAGTGCAGATATTTACTGG
TATTTTGAATTCAAATTTGTTTCATATTGGTACCGTGACGTGCCTCCATGTTTGGCTTCTTTGGGTGAG
ATTTTATTTTATGAATTGCCTATCATCGCAATGATACTGCACAGTGAGCCATACAGATAATCAATGGTG
AATAACCCTAGGAGTCTCTGCTTCAGTGGGCACTTGTGATAGCCTTTGTTGGGTTGATTCATTGC
- 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:** [MI0000828](#)
- Synonyms:** rno-let-7a-2
- Locus ID:** 100313989



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