

## Product datasheet for **SC400708**

### MirLet7a-2 Mouse MicroRNA Expression Plasmid (MI0000557)

#### Product data:

**Product Type:** MicroRNA Expression Plasmids  
**Species:** Mouse  
**Vector:** pCMV-MIR (PCMVMIR)  
**Precursor:** CUGCAUGUUCCAGGUUGAGGUAGUAGGUUGUUAUAGUUUAGAGUUACAUCAAGGGAGAUACUGUACAGCCUCCUAGCUUUCUUGGGACUUGCAC  
**Mature Sequence:** UGAGGUAGUAGGUUGUUAUAGUU

**Full insert:** >MI0000557 TCAATGGATACCAAAGGCTGGTGTATTGATCGAAACAACCTGTTTCGATAATACCACTATAACTTGCATGAA  
TACAAAATTTCAAAGGTACCAGACACCCATATCTGTTTCATTCCCACCACGGAGCAATCTCAAACCAGAG  
TTTTCTCTACCTTTTTGCTTGTAGACCTTTGAATGTGTTGATTCTTATGAACGGCCCGAGTAGGCAAC  
AGCATGAAGATCTTTTGAAGACTAACATGAAATTGCAGAGCTTGAGAATGGGTAGCTCTCCAGCCATTG  
TGACTGCATGTTCCCAGTTGAGGTAGTAGGTTGTATAGTTTAGAGTTACATCAAGGGAGATAACTGTAC  
AGCCTCCTAGCTTTCCTTGGGACTTGCACAAAGCAACATGGCAAGAACGAGCTATGATTTCTCCGGGCC  
TTTTTCTAGGGAAGCCTTTGAAAGGTAAGACTGAGTGCAGTTATTTTACTGATATTTTAGAATTCAAA  
TTTGTTCATATTGGTATCCGTGATGATTTTCATGTTTGGTCTCTTTGGGTCAGATTTTATTATTATGA  
ATTGTCTATCATCAATGATGCTGCATAATGAGCAACACAGGTGATCAACGGTGAAGAACCATCTGAGT  
CTAGGAGTCTGTGCTTCAGTAGGAGAGTTGCGATAGCCT

**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:** [MI0000557](#)

**Synonyms:** Mirnlet7a-2

**Locus ID:** 723965



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