

## Product datasheet for **SC401224**

### Mir7a-2 Mouse MicroRNA Expression Plasmid (MI0000729)

#### Product data:

**Product Type:** MicroRNA Expression Plasmids

**Species:** Mouse

**Vector:** pCMV-MIR (PCMVIR)

**Precursor:** GGUCGGCCAGCCCCGUUUGAAGACUAGUGAUUUUGUUGUUGUCUCUGUAUCCAACAACAAGUCCCAGUCGCCACAUGGUGCUGGUCAUUUCA

**Mature Sequence:** UGGAAGACUAGUGAUUUUGUUGU

**Full insert:** >MI0000729 AGAGAGATGAGCTGTCCACCTGCTTCCCCTGAGAGGAAGTGTGTTTCAGGGTGGAAAATAGAACACTCCAG  
GAAGGGGGGAAAGTAAGAAAATCATTCTCCCCAATTTTGAACAGAGACTCTAGGGAACTGTATGAGCAG  
GGGCAGGCAGGGTGCAATGAGAATATGGGCAAAGTCAGGGGAGCAGGCACTGAAGCTGGCCTTCCCTAC  
AGGAGTGTCCGGCTGATGGCAGGTGGTGCGCCAAGGCCCGGGGAAGGTGGCTAGCGTGACCACGGTCGGG  
CCAGCCCCGTTTGAAGACTAGTGATTTTGTGTTGTGTCTGTATCCAACAACAAGTCCCAGTCTGCC  
ACATGGTGTGGTCATTTGAGCAGCTGTGTGGGGCGGGGGAGCCCCATTTCTGGATATATTTTTTCT  
GCTTTCTATGTTTCCAACAACCCTCCAGAACTACCAGAAATGCCCATCTCTCTCACACTTCAGTTG  
AGGAACTCAGAAGGACTTCTCCAGAAACAAGGACATTTGGCTCTAGAGTGGGACAGGGGACAGGATGC  
CCGTCCTCTGGGAGTGGTGGGCTGCTCTGCACCTGCAGACCCTCGTTTATCCTGCATGTTCTCTCCGT  
GAGAGACCACCAC

**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:** [MI0000729](#)

**Synonyms:** mmu-mir-7-2

**Locus ID:** 723884



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