

## Product datasheet for **SC402995**

### MIR7221 Mouse MicroRNA Expression Plasmid (MI0023716)

#### Product data:

**Product Type:** MicroRNA Expression Plasmids  
**Species:** Mouse  
**Vector:** pCMV-MIR (PCMVIR)  
**Precursor:** CGUCUCUUGGUCACAGGUGGUUCUAGAGAGACUAGAGUGGAGGUCAGCCUGACUGUGGGCUGGGGACUGG  
**Mature Sequence:** CGUCUCUUGGUCACAGGUGGG

**Full insert:** >MI0023716 TCTCTTCTCATGTCCTGTCTCTTAACCTTAGGTGACAATTTTCTATAAGCCTTTTCAGCCTGGATTCTGGA  
ATGTCCTTAGGCCTAGGCCACTGTTAGCTCAGGTTTATCTGAAGACACCAGGGAGGAGGAAGAGATGCTG  
GCTTCGAGCTACAGGGCTTTGCAGTAACCTGGAGAGTCCACCATCAGCTGGGAAAACAGTATGAAAATAT  
CAACATCCTACAGCTCACATCTCACTCAGGGGTCTGGGGCTTGCTCGGCTTTATGAGGTCTGTAGCTGCC  
CTGGTGCTTTAACCTGGGTCCGTCTCTTGGTCACAGGTGGGTTCTAGAGAGACTAGAGTGGAGGTGAGCC  
CTGACTGTGGGCTGGGGACTGGGGCGGGGAGTAGCCATAGCCAGAAGGGCTTGTGTGACAATATCAGT  
TACAAAAACCTGGAATAATAGCTGGAACTTGCAGCCAGGCTCTGTGGTGGCTTGTGTTTTGAGTA  
AGTGATTTGTTCCCGTGGTGAAGCAAAGCTGGTCTGTGAAACGTTTCTCCTGCCTCTCTGTGGG  
GAGCCAGGTGCTCTTCGCCCCAGAGCAGATGTGGTTTCTGTGAGTCTAAGTGGAGGCGATCTACACACA  
CACAAGTAGACATGTATAGATGGCACTTTAGAATATGTGCCT

**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:** [MI0023716](#)



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