

## Product datasheet for **SC402828**

### MIR6947 Mouse MicroRNA Expression Plasmid (MI0022794)

#### Product data:

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

**Full insert:** >MI0022794 ATCTGAAGTTAATCATTTCATTGTGTGTGGATTGCTCCGTTTTAACTTTATTTGGTGATACAGTT  
GTCTTGTAAACCTTAGCAAAGTGTCTCAACTCTGCAAGGTACATAAGGACATACTCTTTCTGA  
GTCCTCACGTACACTGATGTCTACCAAGTAATGGCAAAACCAGAAAAGTGCAAGTGTGAGAAATCTTGGGA  
ATTAAGTAGAGAAGTGAGGTGCAGCTGAGCTCCTGTTTTGTGGAGCTTGGAGTAAATGGTACAGAGCTGG  
AGGAGAGCCACCTTCTGTGTGGGCTCATCCAGTGGAGAGGCTCGTGCAGCTCCTACTGACAGCAGCCTC  
TTCCCTGGCATCAGGATATCTCCGACTTCAGGACCATGAGTTTCAGATTCGGCATCCGGATCCCTCG  
CCCTGCTTTACCAGTTTCGATTAGGAGATGAAAAGCTCCAGGTAACCCGGCAGTGTATGTGTTCTGGAT  
AGACAGAAAAGTCGTCCTGCTGAGTGAACAAGGAAGGGGCATCCTCAGAGAGGATGCAAATGCCGAAGT  
CAGAATGCCGGCTCCTTGGGTCGTTATTCTTCAAGCAAAGTAAATTTGGACAGATCTGCCCCCTCTTT  
TCTAAATATTGCTTTTAACTGTGTATATGTGC

**OTI Disclaimer:** All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence in [miRBase](https://www.ncbi.nlm.nih.gov/nuclot/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:** [MI0022794](https://www.ncbi.nlm.nih.gov/nuclot/MI0022794)



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