

## Product datasheet for **SC400950**

### Mir294 Mouse MicroRNA Expression Plasmid (MI0000392)

#### Product data:

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

**Full insert:** >MI0000392 GTGGTACTCAAAGTGTGTGACATTTTGTCTTTGTAAGAAGTGCCGACAGTTTGTAGTGTGCCGATTG  
AGAAACTGCAGTTGGCCTAAGTGTGCATCATTGGGTGTCATCTGTGGTATGATTCAGTCTGTAATGG  
GGCAAAAGTAAAAGCTGAGGTGCACGGAACCTCACGGGAAGTGACCCAGATTTGACAGGTAAGTATTAC  
ATATAGCTGCATTTATCCTTTTGGCATTGAATAATCCTTAATCTTCAGTTCAGTTGTAGGCATGTTTGG  
TCTAGCGAAATTCATATAGCCATACTCAAATGGAGGCCCTATCTAAGCTTTTAAGTGGAAAGTGCTTC  
CCTTTTGTGTGTTGCCATGTGGAGAAAGCATCGGAACCTCAATCAACCAGAGACTCCTTGCTTGCTCATC  
TTGGTGAGACTCAAATGTGGGGCACACTTCTGGACTGTACATAGAAAGTGCTACTACTTTTGAGTCTCTC  
CTGTGGGCACCATTACAGGTCGGCTGCTTTCATGCATGTGTAGTGTATCTGAATCCAGATGAAGGTT  
TCCTGGAAGTGGGACATGTGGGTGCTATTGAATGAACCAAGGTCTATGGGAGCAACCAGTGCCTCAGC  
CTCAAACATGAATAATAAAGTCTTGTCTCTTGATTTTGCTG

**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:** [MI0000392](#), [MI0000393](#)  
Both mature and minor (star) miRNA can be over expressed from the construct.

**RefSeq:** [MI0000392](#)



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