

Product datasheet for **SC400946**

Mir291a Mouse MicroRNA Expression Plasmid (MI0000389)

Product data:

Product Type: MicroRNA Expression Plasmids
Species: Mouse
Vector: pCMV-MIR (PCMVIR)
Precursor: CCUAUGUAGCGCCCAUCAAGUGGAGGCCUCUCUUGAGCCUGAAUGAGAAAGUGCUUCCACUUUGUGGCCACUGCAUGGG
Mature Sequence: CAUCAAGUGGAGGCCUCUCU

Full insert: >MI0000389 CGCCTCATCTTGCGGTACTCAAACATATGGGGCACTTTTTTTTTTCTTTAAAAAGTGCCGCCTAGTTTTA
AGCCCCGCCGGTTGAGAAAACGGCTATCTGGCACATTTACCAGCCCTGGTGCCACGTGTTCCGGGTTAAC
TGCAGCGTGGTGAGTACGGATTCTGAAGAAAGGAATGAGACTGAGTATAGCGAAAGGCTAGGGATGGGCAT
CCTGCCAGTAGACGGTAACTGAGGTGGTCTGTAGGGTACCTGGGGCTCCATGTGCGTCCTGTGCGT
GCTTGGAGCTGTTACACCTATGTAGCGGCCATCAAAGTGGAGGCCCTCTTTGAGCCTGAATGAGAAAAGT
GCTTCCACTTTGTGTGCCACTGCATGGGGAAAACATCATAGCTTTGCATCTGACGCATCGGTTTACAGGA
GCGGACAACCTGTGTGGGGTTTAGGCTTGGAGTTTAAATGGGTCCTATCCTAAAGAGGGCGGTTACAGTTG
GGTGCCACGAGACGGGATGGATGTAAGGCAGTCGTGAGTCCAGGTGCATTGTAGATTGTTCTTAAGCTT
GACCTCCAGCCTGTGATACTCAAACGGGGCTTTTTGGATTTTCATCGGAAGAAAAGTGCCGCCAGGT
TTTGAGTGTACCGGTTGAGAACTCAAACGGCTAAG

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: [MI0000388](#), [MI0000389](#)
Both mature and minor (star) miRNA can be over expressed from the construct.

RefSeq: [MI0000389](#)



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