

## Product datasheet for **SC400963**

### Mir29a Mouse MicroRNA Expression Plasmid (MI0000576)

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | MicroRNA Expression Plasmids   |
| Species:                  | Mouse  |
| Vector:                   | pCMV-MIR (PCMVMIR)   |
| Precursor:                | ACCCUUAGAGGAUGACUGAUUUUUUGGUGUUCAGAGUCAAUAGAAUUUUCUAGCACCAUCUGAAAUCGGUUUAUAUGAUUGGGGA  |
| Mature Sequence:          | ACUGAUUUUUUGGUGUUCAG   |
| Full insert:              | >MI0000576 CTTGGTGGAGAACTACTTCGCTGCCGACCGCACAAAGAAATGAGTGTACAGCCCTGAAGTAAGTGTCCAG<br>TGTCTAAAACAGGCTACCAGAGCCTGCCCTCGCCACCCCTGCTTACCTCTGTGTTATGGATAGCTGATTA<br>GTCAACCACCGTTAGAATTGCATACTTGTTTCATGTAATAAGCCTTCTCTGGAAGTGGACTCCACCATGCT<br>CGGATGAAGACCTACATATACGACAGATTGAAGGCCTGGGCCTTCCAGTGCACATGACCTCTTGTGACC<br>CCTTAGAGGATGACTGATTTCTTTGGTGTTCAGAGTCAATAGAATTTCTAGCACCATCTGAAATCGGT<br>TATAATGATTGGGGAAGAGCACCGTTCAGCTGACTACGTTATTGCTGACGTTGGAGCCACAGGTAAGAAT<br>TAAGAAACAAATACCAAAACATGCTAAGGTACATTTCTTCTATCTTAAACTTGACTTTTCATTAACAG<br>TGCCCCAGCAACAGCATGGTAACTATTCACATAGTGATGGTGGGTGTGTTTTAGAAAAGTGTGTATGGGT<br>TGCAGATTTGACGGTAACTAGAGGATAAAGGGCCAAACCAATGACTGACCAGTCAATGTGAGAGGAGCAG<br>GGGATATTTAC |
| OTI Disclaimer:           | All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence in <a href="#">miRBase</a> . 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:                   | <a href="#">MI0000576</a>  |
| Synonyms:                 | Mirn29a mmu-mir-29a  |
| Locus ID:                 | 387222   |



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