

## Product datasheet for **SC400350**

### MIR33a Human MicroRNA Expression Plasmid (MI0000091)

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | MicroRNA Expression Plasmids   |
| Species:                  | Human  |
| Vector:                   | pCMV-MIR (PCMVIR)  |
| Precursor:                | CUGUGGUGCAUUGUAGUUGCAUUGCAUUGUUCUGGUGGUACCCAUGCAAUGUUUCCACAGUGCAUCACAG   |
| Mature Sequence:          | GUGCAUUGUAGUUGCAUUGCA  |
| Full insert:              | >MI0000091 CTAGGTGGACTCCTTTTTCATCCCTTTTCAGCCTCTGAGGCAAGTGTGTTTCTACTGCACCTTTCTTAG<br>GCTCCCAGAGTCCCAGGTCTGCTGGCCCATAGCCTCTGTAAGCCCAGGTGCACCCAGCTGGCCAGGGG<br>TTCACCTGCATTTGCTCCAGCGTTTGCCTGACTTCCCAGGCCTCTGCAGGCAGCCTTGAGTGGTTCC<br>TGCCCCCTCGGGCACACAAACAGAGCTGAAGACCACCCTGGGCACCTCCTTGGCTGGCCGCATACCTCCT<br>GGCGGGCAGCTGTGGTGCATTGTAGTTGCATTGCATGTTCTGGTGGTACCCATGCAATGTTTCCACAGTG<br>CATCACAGAGGCCTGCCTGGCCCTCGAGAGACTGCCCTGACTGAAGGCCCTATCAGGTGGGGGAGGGGAT<br>CCTGATAGAGGGCACTGCTGCCACTGTTGGGGCCCAAGTCACAGCCATCCCAGGAAACAGGAGGGCACCC<br>AGCTGAAAGTGGAGCATCACCTGGTCTACGGGGAACATGTCCTTAGCTCCAGAGTGGGAGGGACCGGGAG<br>AGTCTGGAGATTCAGATTCTCAGCCTCCCTGGGGCTTGGTCTTAGCTGGCTAGGCTAGTACTTCAAG<br>CTAGATATTGTACAGTGGACCTGG |
| 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="#">MI0000091</a>  |
| Synonyms:                 | MIR33 MIRN33 miR-33 MIRN33A hsa-mir-33 hsa-mir-33a   |
| Locus ID:                 | 407039   |



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