

## Product datasheet for SC403351

### MIR3576 Rat MicroRNA Expression Plasmid (MI0015448)

#### Product data:

|                                  |  |
|----------------------------------|--|
| <b>Product Type:</b>             | MicroRNA Expression Plasmids   |
| <b>Species:</b>                  | Rat  |
| <b>Vector:</b>                   | pCMV-MIR (PCMVMIR)   |
| <b>Precursor:</b>                | UCCGCCAGGGCAGUAAUUUGAUACUCGAAAAGAAUUACCCUUGUAUGAUUCAUCCAAAAGAGCAAACACACCAAGGAUAAUUUCUCCUCAAGUAUGAAACAGUAG  |
| <b>Mature Sequence:</b>          | ACACACCAAGGAUAAUUUCUCC   |
| <b>Full insert:</b>              | >MI0015448 GAGCCAGTCACACTCTTGAGCCAGAGACAGGGGTCTGACCCAGTGACTATCTCTGAGACTGGCTTTCCA<br>ACCAAAAAAAAAAAAAAAAAACCCACTATTTTCTAAGTCATGAAAACATGTACCTACCCATGACCAAGCC<br>ATGTAGGAACCCCTGGATTCATCAGGCAAGGTCTGAGGTGGGTCAAAGTGCATCTCTATACATTAGCT<br>CTGTGCTCTCTTGCCTTGTGTCCAGGTAAGGCTAATCCATGCACCATGCACCATGCAGCCCTTACACAA<br>CCATCTTGTCATCCAGGAAGTCGCCAGGGCAGTATTTGATACTCGAAAAGAAATTACCCTTGTATGATT<br>CATCCAAAAGAGCAAACACACCAAGGATAATTTCTCCTCAAGTATGAAACAGTAGCACAGCAGGAATGCC<br>AGCATCCGTCGGTCACTCTTGGGAGTGACCACCACTCCCCACACCCGGCTGTACCCAACACATACGTGCA<br>CCACGCATGCACTACTACCGATGGGCATTTTGTAGCACCAGGGAGGCGAGATGGGCAAGCATTGTGGGCAG<br>CCCTGTTGACCCACAGCATGGGGTCGGTCTCCTGTTCTAGAAGCCACCTTAGAAACGATGTCACTACTG<br>AGCACCACAAGCTCCACTGGTCTCCTTATATGTCCAGCACAACTCTAAGCTTCAACACCCACTCACATA<br>TCTGACAGAGAATGT |
| <b>OTI Disclaimer:</b>           | All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence <a href="#">imiRBase</a> . The sequence of a miRNA clone may differ from the NCBI reference with respect to biological polymorphisms. This should affect the function of the mature miRNA.   |
| <b>E. coli Selection:</b>        | Kanamycin (25 ug/mL)   |
| <b>Mammalian Cell Selection:</b> | Neomycin   |
| <b>Components:</b>               | 1 x 10 ug vial miRNA plasmid lyophilized in a 2-D bar-coded Matrix tube  |
| <b>Also Contains:</b>            | Both mature and minor (star) miRNA can be over expressed from the construct.   |
| <b>RefSeq:</b>                   | <a href="#">MI0015448</a>  |
| <b>Synonyms:</b>                 | rno-mir-3576   |



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