

## Product datasheet for SC403242

### MIR24-2 Rat MicroRNA Expression Plasmid (MI0000855)

#### Product data:

|                                  |   |
|----------------------------------|---|
| <b>Product Type:</b>             | MicroRNA Expression Plasmids  |
| <b>Species:</b>                  | Rat   |
| <b>Vector:</b>                   | pCMV-MIR (PCMVMIR)  |
| <b>Precursor:</b>                | GCCUCUCCUGGGCUCGCCUCCUGUGCCUACUGAGCUGAAACAGUUGAUUCCAGUGCACUGGCUCAGUUCAGCAGGAACAGGAGUCCAGCCCCAUAGGAGCUG  |
| <b>Mature Sequence:</b>          | GUGCCUACUGAGCUGAAACAGU  |
| <b>Full insert:</b>              | >MI0000855 CTGTCCCCTCACTGTGCCTCGGCCGGCTGGGGTTCCTGGGGATGGGATTTGATGCCAGTCACAAATCACA<br>TTGCCAGGGATTTCCAACCTGACCTGTGCCCTGCCTGGGGCTCGTGTGGCAAGGACGTTTATCTTGG<br>GTGCTGGGTGACAGAGAAGCCCAGCATGACCACTGGCCTGTGGAGCAGGGCTTAGCTGCTTGTGAGCAAG<br>GTCTACAGCAAAGTCGTGTTACAGTGGCTAAGTCCGCCCTGGACCCCATCTCCCAGGCCGCTGCC<br>GCCCACCTGCTCTGCATCTGCCTCTCCCTGGGCTCCGCCTCCTGTGCCTACTGAGCTGAAACAGTTGAT<br>TCCAGTGCACCTGGCTCAGTTCAGCAGGAACAGGAGTCCAGCCCCATAGGAGCTGGCAACCCTGCAGAAT<br>GTCCGCCATGACTGAGACCTGGAGTGGGGACCAGAAAATGATGGGGTAATTAGTCCCACCTAGGCCCTTA<br>TCTGTTGTGGGCTCTCCCTCTAAGCCTTCTCTGGGTGTCCACCCCGTATGGCCACACCTTGAGATTTCT<br>GTGGTTCCTAAAAAGAACAGATGGATGAGTGGGTGGGTGGTCTTGCATTAAGCCAGTTGTGGGGGT<br>TGGGGATTTAGCTCAGTGGTAGAGCGCTTGCCTAGGAAGCACAAGGCCCTGGGTTCCGTCCCAGCTCCG<br>GAAAAAA |
| <b>OTI Disclaimer:</b>           | All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence <a href="#">imiRBase</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.   |
| <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="#">MI0000855</a>   |
| <b>Synonyms:</b>                 | rno-mir-24-2  |



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