

## Product datasheet for **SC402584**

### MIR432 Mouse MicroRNA Expression Plasmid (MI0012528)

#### Product data:

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | MicroRNA Expression Plasmids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Species:                  | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Vector:                   | pCMV-MIR (PCMVIR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Precursor:                | UGGGUAGCUCUUGCAUUUCCUGGUGGGGCCACUGGAUGGCCUCCACUUCUUGGAGUAGAUCAGUGGGCAGCU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Mature Sequence:          | UCUUGGAGUAGAUCAGUGGGCAG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Full insert:              | >MI0012528 CGCTGGATGGCTCCTCCACTTCCCGGAGTAGATCAGTGGGTAGCTCTTGCATTTCTGGTAGGGGCCACT<br>GGATGGCTCCTCCACTTCCCGGAGTAGATCAGTGGGTAGCTCTTGCATTTCTGGTAGGGGCCACTGGAT<br>GGCTCCTCCACTTCCCGGAGTAGATCAGTGGGTAGCTCTTGCATTTCTGGTAGGGGCCACTGGATGGCT<br>CCTCCACTTCCCGGAGTAGATCAGTGGGTAGCTCTTGCATTTCTGGTAGGGGCCACTGGATGGCTCCTC<br>CACTTCCCGGAGTAGATCAGTGGGTAGCTCTTGCATTTCTGGTAGGGGCCACTGGATGGCTCCTCCACT<br>TCTTGGAGTAGATCAGTGGGCAGCTCTTGCATTTCTGGTAGGGGCCACTGGATGGCTCCTCCACTTCTT<br>GGAGTAGATTAGTGGGCAGCTCTTGCATTTCTTGAGGGGGCCACTGGGTGGCTCCTTTCTTCTGGGC<br>TGGGCCACTATCTGAGCCCGCTGGGCCTCAACCTGGGCCTCAACCTGGGCTTCAGCCTGAGCCTCCGCC<br>TGGGCCTCCACCTGGGTCTCCGCCTGGGCCTCCGCCTGGGCCCTGCCTGGGCCCCCGCTGGGCTCCAC<br>TGCTGCCTGGTGTCTCTTCAACGGTGTGGATGAGCCCTCGGAGG |
| 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="#">MI0012528</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Synonyms:                 | mmu-mir-432                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Locus ID:                 | 100316735                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |


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