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# Product datasheet for SC401953

## MIR499b Human MicroRNA Expression Plasmid (MI0017396)

### Product data:

| | |
|---|---|
| **Product Type:** | MicroRNA Expression Plasmids |
| **Species:** | Human |
| **Vector:** | pCMV-MIR (PCMVMIR) |
| **Precursor:** | GGAAGCAGCACAGACUUGCUGUGAUGUUCACGUGGAGAGGAGUUAAACAUCACUGCAAGUCUUAACAGCCGCC |
| **Mature Sequence:** | ACAGACUUGCUGUGAUGUUCA |
| **Full insert:** | >MI0017396 GCCCGCAGGTTGGTCATCAGCTTGTTGAGGTTCTCCTGGCAGTGGGGAAGAGTGAGGGAAAGGCACAAAG<br>GGGGCAGAGAACCAGAATTGGATGCCGCAGTGGTCAGGACCGAGACGGGAGCAGGGCCCTAAGTGCCCTG<br>CACTTTTGCTCTTTCACTCTCATTCTGGTGATGGGAGACCCTTCGCTGTCTCCCATCACCACCACCAAAG<br>TCTTCACTTCCCTGCCAAATCCCCGTCCCTCCCAGAGCCCCAGGGCTCCCACCCCTTCCCCACAAACCCT<br>GCCCAGGCAGCGTAGGGACGGGAAGCAGCACAGACTTGCTGTGATGTTCACGTGGAGAGGAGTTAAACAT<br>CACTGCAAGTCTTAACAGCCGCCCGCCCAAGGCACAGGGGACAGGGCAGGGGGTGAAGGACGGGGCTGGA<br>GGCTGCCAAGAGGGAGGGTCTGTCTCCCAGATGGGGCCTTACCTTGTGCAGCTGGGACACCGTCTGGAAC<br>GATGCTGCCTTCTTACGCTTCTCTTTCACCCCAGACTTGGGGGGCTCAGCTAATAGAGACAAGGGGCCTG<br>GTCACTCCAGGGAATGTCGCTCTGTGGGCCCCTGTCAGAGTGGAGATCTTGTCCCTCCATACTCACTGGA<br>GCAGGAGCCCGCATAATTCTCATAGAGAGTCGCCAGGAGCCTA |
| **OTI Disclaimer:** | All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence in miRBase. 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:** | MI0017396 |
| **Synonyms:** | MIR499A hsa-mir-499b |
| **Locus ID:** | 100616134 |

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This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
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