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# Product datasheet for SC401726

## MIR4503 Human MicroRNA Expression Plasmid (MI0016866)

## Product data:

| | |
|---|---|
| **Product Type:** | MicroRNA Expression Plasmids |
| **Species:** | Human |
| **Vector:** | pCMV-MIR (PCMVMIR) |
| **Precursor:** | ACAAUGUAGAUAUUUAAGCAGGAAAUAGAAUUUACAUAUAAAUUUCUAUUUGUUUCUAUUUCCUGCUUAAAUAUCUACAUUGC |
| **Mature Sequence:** | UUUAAGCAGGAAAUAGAAUUUA |
| **Full insert:** | >MI0016866 TTTATCATGGCATTCCCAAGAATTGTCAGTTTAAACCCCAAGGATCTGGAAAATGGTGGGACTTTTTTTA<br>AGTCTAGACTTATTCGGTCTACAGTTTGTTTCTAATACAATGTCATTTGTCCTTGCTCAGGATGAGACTC<br>CTACATTTAGTGACCATTTACATGTGATAGTATAGTAATAAAATTAAGAAAAGAATTCTACCTTTTAAGA<br>AACTTATCAACAGAAACAATAGACATGTAAATATAAGAATCTTTAAGAACAAGAAATAATAAATGACTTC<br>CTCCCCACAAATTGAAATTGACAATGTAGATATTTAAGCAGGAAATAGAATTTACATATAAATTTCTATT<br>TGTTTCTATTTCCTGCTTAAATATCTACATTGCCAAAAACCAAAGGAAAGAAGACAATCATTTATTTATT<br>CTACTCTGATTCTTTCTTTTTTCTTTCTTTCTTTTCTTTTTGAGATGGAATCTTGCTCTATTGCCCAGGC<br>TGGAGTGCAGTGGCGCAATCTCGGCTCACTGCACCTCCACCTCCTAGGCTCAGGTGATTCTCCTGCCTCA<br>GCCTGTGAGTAGCTGGGATTACAGGCACGCACCACCATGCCCAGTTAATTTTGTATTTTTAGTAGAGATG<br>GGGTTTCATCATGTTGGCCAGGCTGGTCTTGAACTTCTGACCTAAGTGATCTG |
| **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:** | MI0016866 |
| **Locus ID:** | 100616280 |

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