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# Product datasheet for SC401785

## MIR4647 Human MicroRNA Expression Plasmid (MI0017274)

### Product data:

| | |
|---|---|
| **Product Type:** | MicroRNA Expression Plasmids |
| **Species:** | Human |
| **Vector:** | pCMV-MIR (PCMVMIR) |
| **Precursor:** | CCAGGAGGGUGAAGAUGGUGCUGUGCUGAGGAAAGGGGAUGCAGAGCCCUGCCCAGCACCACCACCUCCUAUGCUCCUGG |
| **Mature Sequence:** | GAAGAUGGUGCUGUGCUGAGGAA |
| **Full insert:** | >MI0017274 CAGCTCTGCAGCAGGGGATTGGGGAGCCCAGGAGGCAGCCTTCCCTTTTGCCTTAAGTCACCCATCTTCC<br>AGTAAGCAGTTTATTCTGAGCCCCGGGGGGTAGACAGTCCTCAGTGAGGGGTTTTGGGGAGTTTGGGGTCA<br>AGAGAGCATAGGTAGGTTCCAGTTACTCTTCCCACAAGTTCCCTTAAGTCTTGCCCTAGCTGTGCTCTGC<br>CACCTTCCAGACTCACTCCCCTCTGCAAATACCTGCATTTCTTACCCTGGTGAGAAAAGCACAAGCGGTG<br>TAGGCTCCAATGCTGCTTTCCCAGGAGGGTGAAGATGGTGCTGTGCTGAGGAAAGGGGATGCAGAGCCCT<br>GCCCAGCACCACCACCTCCTATGCTCCTGGATCCCTAGGCTCTGTTCCATGAGCCTGTTGCAGGTTTTGG<br>TACTTTAGAAATGTAACTTTTTGCTCTTATAATTTTATTTTATTAAATTAAATTACTGCAGTGGACTTGG<br>TCCTGTGTTTTGGTTGACTGAAAGGGCATTATTATATGGTAGTTTTTCCAAACTGCCTTTAGCTTCAGTG<br>TGTGAACTCTTAAGACTCACTGGTATTCTGTTATTTTCACTACAAAACCAGCTCAACTTGCTGTGCTCAT<br>GAAAACAGCAAGAGCTGGAGGGATGAAGAAGCTAGGGAAGGATAACATCC |
| **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:** | MI0017274 |
| **Locus ID:** | 100616124 |

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