

## Product datasheet for SC401282

### MIR2115 Human MicroRNA Expression Plasmid (MI0010634)

#### Product data:

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product                   | MicroRNA Expression Plasmids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Type:                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Species:                  | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Vector:                   | pCMV-MIR (PCMVMIR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Precursor:                | ACUGUCAUCCACUGCUUCCAGCUUCCAGACUCCUGAUGGAGGAAUCACAUGAAUUAUCAGAAUUAUGGAGGCUAGAAGCAGUAUGAGGAUCAUUUA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Mature Sequence:          | AGCUUCCAUGACUCCUGAUGGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Full insert:              | <p>&gt;MI0010634 ACTCTGTCACCCAGGTTGGAGTGCAGTGGCATGATTGTGGCTCACTGCAGCCTCGACCTCCTGGGCTCAA</p> <p>GTGATCCTCCACCTCAGCCTTCTGAGTAGCTAGGACTACAGGCACACCCACCATGTTTCAGCTAAATTT</p> <p>GTTTTGTATTTTTGGTAGAGACAGGTTTTACCATGTTGCCAGGCTGGTCTTGAACCTCCTGAGCTCAA</p> <p>GCAGTCCACCCTCCTCCACCTCCCAAAGTGCTGGGATTATAGGTGTGAGCCACCGTGCCTGGCCACCTCT</p> <p>CATTTTCTTTTCAGCATTTTGTGCTGTCATCCCACTGCTTCCAGCTTCCATGACTCCTGATGGAGGAATCAC</p> <p>ATGAATTCATCAGAATTCATGGAGGCTAGAAGCAGTATGAGGATCATTACATGTGATATTCATTCTCC</p> <p>CTTTCTGCTTTTTGGATTCTCTCTTTGCCTTTGTCTTTGGCAATTTTATAATGATTGTCTATGTGTGG</p> <p>CTCTATTAGAATGCATCCTATTGTAAGTTTTTTGAACTTACTGGATGAAGTTTTTCATCAAACCTGGGGA</p> <p>ATTTTCAGCCATTATTTTCCAAGTATCTCCTCTCCTTGAGGGATCCCTTTATGTATATGTTGATGCC</p> <p>TTGACAGTGTCCCACTTCTCTGTGGCTATATTCATTTTTTCCCAATTTGAATTGAGTTTTATCTTAT</p> |
| OTI                       | All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Disclaimer:               | <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="#">MI0010634</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Locus ID:                 | 100313840                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |


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