

## Product datasheet for **SC402046**

### MIR5585 Human MicroRNA Expression Plasmid (MI0019142)

#### Product data:

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | MicroRNA Expression Plasmids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Species:                  | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Vector:                   | pCMV-MIR (PCMVIR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Precursor:                | UGAAGUACCAGCUACUCGAGAGGUCAGAGGAUUGCUCUGAAUAGCUGGGACUACAGGU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Mature Sequence:          | UGAAGUACCAGCUACUCGAGAG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Full insert:              | >MI0019142 CCCAGCTACTTTGGAGGCTGAGGTGGGAGGATGGCTTGAGCCTGGGAGGTGGAGGTTGCAATAAACTGAG<br>ATTGCACCACTGCACTCTAGCCTGGGAAACAGAGCCAGGCCCTGTCTCAAAAAAAAAAAGAGAGAGAA<br>ACTGAGGCTGGGCACAGTGGCTCACACCTGTAATCCCAACACTTTGGGAGGCCAAGGCAGGGTGGATCAG<br>GCCCAGGAGCTTGAGACCACTGAGGCAACATGGCAGAACCTGTCTCTACAGAAAATATAAAAATTAGT<br>TGGGCATGGTGGCAGCACCTGAAGTACCAGCTACTCGAGAGGTGAGAGGATTGCTCCTGAATAGCTGGG<br>ACTACAGGTGTGTGCCAGCACCTGAGCCTAGGAGGTAGAGGCTGAGTGGCCATGATTATGCCACTGCC<br>CTCCAGCAGCCTGCGCAACACAGCAAGACCCTGTCTTAATTAAGTAAAGTAAATAGAAATCTCAAAAT<br>ATTCATTATATGTTGAAGTGATAGTATTTGCATGTATTGGGTTAAGTAAATAGAAATCTTAATTAATT<br>TCAGGAGGCTGATGCAGGAGAATCTCTGAACCCGGGAGGGGAGGTTGCAGTGAGCCGAGAATGCACGA<br>CTGTACTCCAGTCTGGGCACAGAGTGAG |
| 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="#">MI0019142</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |


[View online »](#)