

## Product datasheet for **SC401120**

### Mir547 Mouse MicroRNA Expression Plasmid (MI0003523)

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | MicroRNA Expression Plasmids  |
| Species:                  | Mouse   |
| Vector:                   | pCMV-MIR (PCMVIR)   |
| Precursor:                | GUGUGAUGUAUCACUUGAGGAUGUACCCCAUUUAACAGGAAACAUGCUUGGUACAUCUUUGAGUGAGUAACACAC   |
| Mature Sequence:          | CUUGGUACAUCUUUGAGUGAG   |
| Full insert:              | >MI0003523 GTATAGGGTGATGAAAACCTATCCTATATCTATAAAGGGAAGATATGAATGGGGATATCTGATATTTCC<br>CAGTCATAAACTCTTATGTTATTATATGGACAGAACACAAAAATGACTTAAGGAAGACTTGGGTAGAAAA<br>GAAGGACAGGGGTGGTAAAAGAGAAGTAAGAGGAATGAATGTCATTTCGTGCTTTTGAGAAGATTCTTCT<br>GATGATTCATGTAATGAGGGTGTGATTGGCTTACTAGATGAAATGGCAGAGGGAACAGACTAGTGTTAG<br>CACCTTCACTCATGTAGTGTGTGATGTATCACTTGAGGATGTACCACCCATTTAACAGGAAACATGCTTG<br>GTACATCTTTGAGTGAGATAACACACAACAGCTACCACCTCAATACTGACCCTAGAAAAGGGGCTTGAGT<br>CTCAGCATAAGCTATTTTTTGTACTTCAACTCATAGTACACTTTGGAGAATGCTGTATACAAGAAAGG<br>ATTGACAGCAATGTTCCCTGGGAATAGAGTCATCTATTTTTTCATTGCTTTGTGTTTATGTTAAGATGAGT<br>TGGCTACTTTCAATGATGCTGTGTACAGTACCTTACTCAGTAAGGCATTGTTCTTCTATATTAATAAATG<br>AACAGTGCCTTCTGTGTAGGGTAATGTGC |
| 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="#">MI0003523</a>   |



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