

## Product datasheet for **SC403444**

### MIR547 Rat MicroRNA Expression Plasmid (MI0012613)

#### Product data:

**Product Type:** MicroRNA Expression Plasmids  
**Species:** Rat  
**Vector:** pCMV-MIR (PCMVMIR)  
**Precursor:** GUGUGAUGUAUCACUUCAGGAUGUACCACCCAUUUUAAUGGAAAUAUGAUUGGUACUUCUUUAAGUGAGAUAAUGCACACU  
**Mature Sequence:** UCACUUCAGGAUGUACCACCCA

**Full insert:** >MI0012613 AACAGAATAATGTTAACTGCTATCCTGTGTCTATAAAGGGGAGACATAAATAGGGATGTTTGATATTTAT  
TGGTCCTAAACTCTGTCAATTATATGGGCAGAAAACAAAATAACTTAAGGAAGACTTGGGGAGAAAAGAA  
GAACAGGGGTGGTAAAAGAGAAGTAAGAGGAATGAATGTCATTTGTGCCTTTGGAGAAAATTTCTCTGAT  
TTGATTATTCGTGTAATGAGGATATGGTTTGGATTACTGGATGGAATGGCAGCGGGAGCTGATTAGGGTT  
ACTACCTTCAGTCACATAGTGTGTGATGATCACTTCAGGATGTACCACCCATTTAATGGAAAATATGAT  
TGGTACTTCTTTAAGTGAGATAATGCACACTAACTGCCACGTCAATACTAGCCTTAGAAAAAGATATAGG  
TGCTTACACATTACTTGAGTCTTAGAAACAGCTGCTTTTTGCTAATCAACTCATAGGAGACTTTGGAGA  
ATGCTGTATATAAGAATAGACTATGATGTTCCCTGGGAATTGAGTCATCTATTTCTCATTGTTTTGCATT  
CATGTTAAGAAGATGAGTTGCTACCTTCAATGATGTTATGTACAGTACCTCACTCAGTAAGGCATTGTTCT  
TTCTATACTAATAAATGAACAGCGCCTTTCTGTGTAGCGTAATGTGCAACC

**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:** [MI0012613](#)  
**Synonyms:** rno-mir-547  
**Locus ID:** 100314138



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