

## Product datasheet for **SC401992**

### **MIR548aa-1 Human MicroRNA Expression Plasmid (MI0016689)**

#### **Product data:**

**Product Type:** MicroRNA Expression Plasmids

**Species:** Human

**Vector:** pCMV-MIR (PCMVIR)

**Precursor:** CUUUUUUAGUCUGGUGCAAAGAAACUGUGUUUUUGCCAUUACUUUUACAGGCAAAAACCACAAUUACUUUUGCACCAACCUAAUUAUACUUGUUU

**Mature Sequence:** AAAAACCACAAUUACUUUUGCACCA

**Full insert:** >MI0016689 CATAATGCTCTCCAGCCATTTCTTCATCTGTAGAGATACTGCTACCTACATCACAGGAATGATGTGAAAA  
TTACATGAAATAATATATGTAAAATGCTTAAAAGGATGACTACAAAATGGTCAGTAAAGAATAGCTATTA  
TCTTATTATGATATAATAATATATTGTATTTTGTACAATTATATTATCTACTCTGCCCTGATGGCC  
AATTTGTCAAATATCTCTATTTAATACCAAGACTTCATGAGAAGAAAATGCCACAAATAAGAGATAAGAA  
ACAAATATAACCTTGATTTTCTTTATTAGTCTGGTGCAAAAAGAACTGTGGTTTTTGCCATTACTTTTAC  
AGGCAAAAACCACAATTACTTTTGCACCAACCTAATAAATTGTTTCATATTTGAAATAAATGTAGTAT  
TTATTTTAACTGCTTAAAACAATGTTTACCAACACAGTTTTCTGCTAGCTCTTCTAAAAATGTGTCCAGT  
GGTTTGGGATTCCAATCCCTGGTGTGAATCTTTAGAATCTTTTTCGAGCCTATGAATAAAAACAATTTA  
ATTTTTTACAATAATAAATAAATGCTATTGAGATTACATTAATTTTGATTAATAACTTTTGATTATC  
TAAAATTTTAAAGTGATCAGTACTTAATACTGGCCGGTGCGGTGGCTCACACCTGTAATCCCAGCA

**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:** [MI0016689](#)

**Locus ID:** 100500863



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