

## Product datasheet for **SC401921**

### MIR4776-1 Human MicroRNA Expression Plasmid (MI0017419)

#### Product data:

**Product Type:** MicroRNA Expression Plasmids  
**Species:** Human  
**Vector:** pCMV-MIR (PCMVMIR)  
**Precursor:** CUUAUAGCAGUGGACCAGGAUGGCAAGGGCUCUCCUGAAAGGACAGUAGAGCCCUUGCCAUCUGGUCCACUGCAUUAUG  
**Mature Sequence:** GUGGACCAGGAUGGCAAGGGCU  
**Full insert:** >MI0017419 TGTTATCATATTCCACCAATATTCAAAGATTATCACTTGGCAAGAGTTACTGATGACACTCCATGAGT  
 AGGAAACCTCAAATCTTGGTGAAGGGCAGGCACTGAGCTTCTGCTAAGCACTCTCACTAGCTAAGAACT  
 TGTGCTACATACTACATGTGCCCTGTTTCAGTTAGGACAGGCTATGATATCGTAACAAATAGACCGCAA  
 ATTCAGCTTCTCATGTTTGAGGGAAAAACACATCTATCTCTCTTTGGACAACAGTCCAGGATGAGGGTT  
 CCAGGTCAGTGGGAGCTCGGCTATATGCAGTGGACCAGGATGGCAAGGGCTCTCTGAAAGGACAGTAGA  
 GCCCTTGCCATCCTGGTCCACTGCATATAGTCTGCTCCATCTCAGGAAGCCAGAAGGTAGAAGGGGATGC  
 AAAACACAGCAGTGAAGAGCTCTAGTATGTGGCCACACAGAATTGCAATGGAGACTGGGAAGTATAGT  
 CTAGCTGTGTGCTCAGGAAGAAGAGGAGAAGGGATTTTGGTAAACAGCTGGCAGTCTTTGCTGCATGCAT  
 TATTTCTGCCTCAGCAAAATAAAGTTGACTATGTAAACAGAGGTCATGTGTGTAGAGGTCATTGTGTA  
 TACCCTTGGGATATACACAAGCATTCAAACCAATGAATAGTGAGAATTTA

**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:** [MI0017419](#)

**Locus ID:** 100616267


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