

## Product datasheet for **SC401916**

### MIR4772 Human MicroRNA Expression Plasmid (MI0017414)

#### Product data:

**Product Type:** MicroRNA Expression Plasmids  
**Species:** Human  
**Vector:** pCMV-MIR (PCMV MIR)  
**Precursor:** GUGAUUGCCUCUGAUCAGGCCAAAAUUGCAGACUGUCUCCCAAUAGCCUGCAACUUUGCCUGAUCAGAGGCAGUCAC  
**Mature Sequence:** UGAUCAGGCCAAAAUUGCAGACU  
**Full insert:** >MI0017414 GATTTTTTCATAATCATTGTTTCCTTGCATTGGTGCCTATGCAGTTGAGGAAACAGCCACCTCTTTTGGTCT  
TTGTAGGTGATCTTTGGTGGTAGCAGACCTTCACTATGTAGTCTAGCCTGGGATTCCAGGTGGGCTAGTT  
GGTAGCAATCCCAGATAAGCAGACTTTGGTGTGAGTTCTCTAGTGGGCTTGGCTGTTTTCTGTGCACT  
GAGGTCAAGTGGAAATGCTTGCTGTGCTTTGCGTTCCAGTGAGACCACCTTTCTGAACTCTATGGTCAGGT  
TGAGTCGCTGGCTGAGCTCTGTGATTGCCTCTGATCAGGCCAAAATGCAGACTGTCTTCCCAAATAGCCT  
GCAACTTTCCTGATCAGAGGCAGTCACAGAGCAATACCCTTGTGTCTTCCATTCACCCACAACATGAAG  
GAATTGCTTAATTAATACTAAAAGGGCACCCAAATGCCCTACATCTGGCCGAGAAATACTGTTGTTAGAATG  
TGTAGTTGGGCAGGACAACAGGCTAGGCCCTGAGGCAAAGTTAGTTATCTGGGATTGCTGCTCAGCAATT  
TGGGATGGGCAGGGGGAGAACTAGGCTACAAAGATGTGTGTGGGCTTGATCTTACCCCTGGGCCAGGGA  
TAGCCTTAGGCAGGGCATTGAGGCTTGATTGGGTTGCCACGCACCTTC

**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:** [MI0017414](#)  
**Locus ID:** 100616157



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