

## Product datasheet for **SC400061**

### **MIR124-2 Human MicroRNA Expression Plasmid (MI0000444)**

#### Product data:

**Product** MicroRNA Expression Plasmids

**Type:**

**Species:** Human

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

**Precursor:** AUCAAGAUUAGAGGCUCUCUCUCCGUGUUCACAGCGGACCUUGAUUUAAUGUCAUACAAUUAAGGCACGCGGUGAAUGCCAAGAGCGGAGCCUACGGCUGCACU

**Mature Sequence:** CGUGUUCACAGCGGACCUUGAU

**Full insert:** >MI0000444 TCCACGCCGTCATTTGAAAAC TAGATTTATAGGCTTATGTATGTTTTAGGCGTGTGCTGTAATGGCAT  
GGAGATATATGCATATGTATACGCAGGCACACGCACCGTCTACACTTCCACGGAACAGACTAATTAACAG  
CGGCTCTGGCAGATGTGT CAGAGATGAGCAGAGACAGGAGCTGGGCTTATGAGTTATGACTCTAGGGTA  
GAGACTCAGAGCGGAGAGAGGGGATGGCAGGGAGAGAAGAGTGGTAATCGCAGTGGGTCTTATACTTT  
CCGGATCAAGATTAGAGGCTCTGCTCTCCGTGTTACAGCGGACCTTGATTTAATGTCATACAATTAAGG  
CACGCGGTGAATGCCAAGAGCGGAGCCTACGGCTGCACCTTGAAGGACACCAAAGCATCTCAGGGTCAGAA  
AGGGGAAAAAGCAATTGCAGGGAATTTAGGGGTAGTAAAAGGAACCATCTCTTGCCGCATAAATGCCC  
CCCACCCCCACCCAGGACTGATTCTGGAAGCAACCTAGTGTTGAAAGGAAAGGCTCTACTTTTCCAT  
TACAGCCGCGGAAATCCGCAGGCAAATCTCCGAGGAGAATTTAGGGAAGCTTCATTGACAGCTGTCTGG  
AGAGCAGTAGTCCCCTGTGCAATATTCCAGAGAG

**OTI** All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence [imiRBase](#). The  
**Disclaimer:** 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:** [MI0000444](#)

**Synonyms:** MIRN124-2 MIRN124A2

**Locus ID:** 406908



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