

Product datasheet for **SC400728**

Mir10b Mouse MicroRNA Expression Plasmid (MI000221)

Product data:

Product Type: MicroRNA Expression Plasmids

Species: Mouse

Vector: pCMV-MIR (PCMVIR)

Precursor: UAUUAUACCCUGUAGAACC GAUUUUGUGUGGUUACCCACAUAGUCACAGAUUCGAUUUCUAGGGGAUAUA

Mature Sequence: UACCCUGUAGAACC GAUUUUGUG

Full insert:

```
>MI000221 GCAATTAAGCCGCCATCTCTGGGGTGAAAAAAAACTCCCCTTCTTTTCTTTTCTTTTCTTTTTTTTTTTTTTAA
GAAGAAGAAGGTCCCTGGCTGCTCAGCTACTTGGTGGCCCCATCCTGGCAAGCCGATGAGGGAACTCATT
GCTGTAGCGAGCAGCAATACTTAGAAATGCACCGAGCCTACCTGCACCATCTCTGAAAGCCAGGCTTGTT
GAGTTCCTGGTGGCTGTGCTGAAGAGATCAGGTCTGGCAGCTGCCTGAATGTCTGCTCTGGGTAGGACCC
GAGGTTGTAAACGTTGTCTATATATACCCTGTAGAACC GAATTTGTGTGGTACCCACATAGTCACAGATTC
GATTCTAGGGGAATATATGGTCGATGCAAAAACCTCATATATCTCCGACATGGCCAGAGACTGAGGCGCG
GAGAGTACTGGCAGCCCAGCCGCAAGCCACCTCTTTCTTTTTCATTACCTTAGACTCCAGGATGATCGA
CTTGCCTGGTAAAATTGTACAGCCTTTTCTGGAGAACTCCTATAGATATTCCAGTAGGTGCTCAAGT
GGTTGTCTGAGTGTAAGCCAGAGGCCAGGTTTAGGGTATTAGAGAGTGAGGTGAAAGGCCAGAAAAGC
TCCAGCAGAAGCCCTGCTCTGAAGGAGCA
```

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: [MI000221](#)

Synonyms: Mirn10b mir-10b mmu-mir-10b

Locus ID: 387144



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