

## Product datasheet for **SC402463**

### MIR2136 Mouse MicroRNA Expression Plasmid (MI0010749)

#### Product data:

**Product Type:** MicroRNA Expression Plasmids  
**Species:** Mouse  
**Vector:** pCMV-MIR (PCMVIR)  
**Precursor:** CCGCGUAUCCAGUCAGGAGUCAGUUAGGAAGUUUUUAGUCUGAAUUAAUUCUGGGUGUUGACUGAGAUGUGGUGG  
**Mature Sequence:** CUGGGUGUUGACUGAGAUGUG  
**Full insert:**  
>MI0010749 GGTCTGGTATTACAGCCTTCCAGGTGGGAGGACCAAGACCTGATACAGAAGGTTGGGCTGCATGGTGGC  
CAGTGCAGAATCACTGTCTAGGATGGACCGTTGCCTTTGCTGTGTTGCTCAGAAGCCAGATGCGTTGTTT  
TTCTGGCACCATCTTGCTTCACCTTCCACTGGAATAGACTATGAAATACTGTCCCACAGAGACTTGCT  
GTGGGAATTTTGTGGTTAGATTTTCCACCACTAATTTAATTCCTTATCTGTGGGTTGGAAGTGTAGAC  
CTTGGTTGGCTCAGGCATATCCGCGTATCCAGTCAGGAGTCAGTTAGGAAGTTTTAAGTCTGAATTAATT  
CTGGGTGTTGACTGAGATGTGGTGGGACCAGACCATTTGTACAGAATAGTGTGTGTGTGTGTGTGTG  
TGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGAAGATCAAGATTATCATGAAGCAGTCAATTGATAGA  
GGTCTGGAACCCCTCTGGGCATGGGCTGCACGTAACAAAAAAGAACAGATGTGACTCTCTGAGCTTTCC  
CAGAGAAGTTACTGGCTAGCCACTTGCATGTCTCAGGACTGGCCAGGCTCTCTTGTGGCTTTTCATCCTC  
AAGAGCATCATTCTGTTCTTTCACTAACTGCCTTTATTCTATCA

**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:** [MI0010749](#)  
**Synonyms:** mmu-mir-2136  
**Locus ID:** 100316725



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