

Product datasheet for **SC403251**

MIR291b Rat MicroRNA Expression Plasmid (MI0015417)

Product data:

Product MicroRNA Expression Plasmids

Type:

Species: Rat

Vector: pCMV-MIR (PCMVMIR)

Precursor: CGGAUCUUGGAAGUUGGAACACAGGGUCCAACAAAGUGGAGGCCUCUCGUGGCUUGGCGGAAAGUGCAUCCAUUUUGUUAGUCUCUGUGUCCCGUGGACUC

Mature Sequence: AAAGUGCAUCCAUUUUGUUAGU

Full insert: >MI0015417 TGCTGTAGATGAAGTGTCCCGCATTAAACCTTGACGTCCAACCTGTGATACTCAAACCTGGGGCTCTTTT
GGGTTTTCTTTGGAAGAAAAGTGCCGCCAGGTTTTGAGTGTTACCGATTGAGAACTGCTGCAAAGCTAGG
CTCTAATGACTCATGTGTACCCTTGATGGGATTGCACTTCTGGGCAAATGCACAGGTGGGCTTCATG
AGTCAACAGCTGGGCACATGCGGGACTAGAGGCCTCCGCATATTAAGGAGCTGGGAAGCCGCCTA
GGCCTGGGAGGTGCTGACCTCGGATCTTGAAGTTGGAACACAGGGTCCATCAAAGTGGAGGCCCTCTCC
GTGGCTTGGCGGAAAGTGCATCCATTTTGTAGTCTCTGTGTCCCGCTGGACTCACCTGCCTGCCAGAG
GTGGATTCTTTACTACAGGAGGCTAGTTTAAGTCATGATTGCCCTTTATTTAACAGGGCCATGGGTAG
TAAGTCTTTGGTCTGGGTACAGGCCTACTTTAAACGTGCATGTTATTTCTTTTATATAGGATTGGGGT
TGGAGTAGCAATCTACCTGCCAGGTGCAAGGGTTAAAGGTTTGCAGTTTTGTACCTGACCAGCTCCAG
GCTTTTTCTATTCCCAGTAGCCACAGCTATCTGTAATTCAGTTAAGGCATGACAGATGCCCTCTTCTCC
AGGAGCCA

OTI All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence [imiRBase](#). 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: [MI0015417](#)

Synonyms: rno-mir-291b



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Locus ID: 100526632