

Product datasheet for **SC403504**

MIR7a-1 Rat MicroRNA Expression Plasmid (MI0000641)

Product data:

Product Type: MicroRNA Expression Plasmids

Species: Rat

Vector: pCMV-MIR (PCMVIR)

Precursor: UGUUGGCCUAGUUCUGUGUGGAAGACUAGUGAUUUUGUUGUUUUAGAUACUAAGACGACAACAAUCACAGUCUGCCAUUUGGCACAGGCCACCU

Mature Sequence: UGGAAGACUAGUGAUUUUGUUGU

Full insert: >MI0000641 TTAGCTTTGTTCATGTATACGTAATAAACCTTTAAAAGCTTTTCTTCCAATTGATTTTTCTTTTAG
AAACCATGGTGTTCGTCACCTGGGGATCTAATTCTAAATATTCTAATTAATAGCTCTGCCTTAATTT
TCTTCTGTTTTCTTACTAAAATGAAGACATTCAATACTAATCTTGCTGGAAGAAGCCTTAACCAAGCAAA
CTTCTCATTCTCTGGTAAAACCTGCTGCCAAAACCACCTTGTATAAATTATACAGAGCCTGTAGAA
AATGTAGAAGAGTCATTGGATGTTGGCCTAGTTCTGTGTGGAAGACTAGTGATTTTGTGTTTTAGATA
ACTAAGACGACAACAAATCACAGTCTGCCATATGGCACAGGCCACCTCTACAGGACAGACAATGATGGTG
CTGTAAAACGCAGCATTTCACACCTTCCTCATGCTCCTTTGTCTTTTCTACCAAGTATTAACAGCTTCCA
GATTCATTTTCTAACCTGCACTACTACTGTCTATTAACATTTTCTTGAGTTTTACATTGCTTTAATTT
ATAGTTGCTATTGCTCTTTAAAAGTTCTTCTAATTGTAATGGACATGTTTATCATTTTAATTTATCATTG
AAATTGCTTAATGTTGATTAAGATGTTTTGAACAAAAATTCTAATTCGTAATTTTTTTTTCTTTTCT

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: [MI0000641](#)

Synonyms: rno-mir-7a-1

Locus ID: 100314148



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