

Product datasheet for **SC403397**

MIR412 Rat MicroRNA Expression Plasmid (MI0003488)

Product data:

Product Type:	MicroRNA Expression Plasmids
Species:	Rat
Vector:	pCMV-MIR (PCMV MIR)
Precursor:	GGGACGGAUGGUCGACCAGCUGGAAAGUAAUUGUUUCUAAUGUACUUCACCUGGUCCACUAGCCGUCGGU
Mature Sequence:	UGGUCGACCAGCUGGAAAGU
Full insert:	>MI0003488 GGG AAGT GAT GGAAT GATT ACT CTCAC GTGGT GGAGGT GGCTCCTTGCTGAATGGGGAGGTACAAACTC TTGGGGGATCTCTGGGATGGTTCTTCTGGAAACGCAGCCATCCATCGGCCTTGTCTGAGCGTCCAAGC CTCTCCATGGTACTCGGAGAGAGGTTACCCGAGCAACTTTGCATCTGGAGGACGAATGTTGCTCGGTGAA CCCCTTTTCGGTATCAAATCCCTCCAGGGAGGCCAATTGGAGGCCAGCACCTCAGGGAAGAACGTGGAC TCATCTTCGCTCTGGGTATGGGACGGATGGTCGACCAGCTGGAAAGTAATTGTTTCTAATGTACTTCAC CTGGTCCACTAGCCGTCGGTGCCCGCCGAGCCTGCGCCAGGATGTCACCTCAGCTCGGCACCTCTG CTGGTACTTGAAGGGAGATCGACCGTGTATATTCGCTTAGCTGACTTCGAATAATACATGGTTGATCTT TTCTCAGTATCAATGCTCAGCTTGGAGAAAGCTCTCGGAGTTCAGCCCCGTGGGGGTGGGGGCAGCTT TGTGCTTCTAGGTTGCTGCCTAAGCGGGGAATTGGGCTGGGTGGGACAGGCTGTGTGCTGTCCGTGTTCA ATTCTTCTCATCATT CATATGCAATCCCCCCTTCCCCC

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:	MI0003488
Synonyms:	rno-mir-412
Locus ID:	100314076



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