

## Product datasheet for **SC401036**

### Mir421 Mouse MicroRNA Expression Plasmid (MI0005496)

#### Product data:

Product Type:	MicroRNA Expression Plasmids
Species:	Mouse
Vector:	pCMV-MIR (PCMV MIR)
Precursor:	CAUUGUAGGCCUCAUUAAAUGUUUGUUGAAUGAAAAAUGAAUCAUCAACAGACAUUAAUUGGGCGCCUGCUCUGU
Mature Sequence:	AUCAACAGACAUUAAUUGGGCGC
Full insert:	>MI0005496 TGACCTGAAGCCGAATTCTAACTGATAACTAGCTATGTTAGTTCCTGTGACTGTCATCCCTGGAGAGCAA GAAACAACAGCTGGCCTTGGTGATCAGGAGAACTTCATGGATCGCGCAGCAACCTGGAGTGGTGTTCCTC TGAAGAAATCCTACTCGGTGGATATAATACAACCTGCTAAGTGTCTAGCACTTAGCAGTTGTATTAT CATTGTCCGAGTTATGGCTCTCGTCTATCAAATAATCCGTAAGGGCAAGGATGGTACTTTGTACTCA CAGTGCCTAATCCGGTGACATTGTAGGCCTCATTAAATGTTTGTGAATGAAAAATGAATCATCAACA GACATTAATTGGGCGCCTGCTCTGTGATCTCCATGGGCTCAGCTTGTTCCTGCCAGTGGCCTTCAACGTT CAAGCTCTCCGAGCGTCCTTATTTCTGCAGCTCATTCTGTGTCTGTGTAGTATAATCATAGTGGATA TATTTTACCTTTCAAACCAATCCAATTGATTGATAATTGTGCCTCGACTGTGTTTTATAAAAAGGATTC CATATCTGGTTCTTTTCTATCCTGAGGGTGTGGAAGGAAGGATAATAGCTCATGTACCATAAATGTGAT ATTTTCTATGAAATACTGTATTTATGCCTGTGTTTTGGAAA
OTI Disclaimer:	All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence in <a href="#">miRBase</a> . 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:	<a href="#">MI0004125</a> , <a href="#">MI0005496</a> Both mature and minor (star) miRNA can be over expressed from the construct.
RefSeq:	<a href="#">MI0005496</a>



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