

Product datasheet for **SC400290**

MIR221 Human MicroRNA Expression Plasmid (MI0000298)

Product data:

Product MicroRNA Expression Plasmids

Type:

Species: Human

Vector: pCMV-MIR (PCMVMIR)

Precursor: UGAACAUCCAGGUCUGGGCAUGAACCGGCAUACAAUGUAGAUUUCUGUGUUCGUUAGGCAACAGCUACAUUGUCUGCGGGUUUCAGGCUACCGGAAACAUG

Mature Sequence: ACCUGGCAUACAAUGUAGAUUU

Full insert: >MI0000298 CCTGCCACGTACCTACCAGTTTATCTATCCGACCTTCCTTCCATCCAGCTTTTTTCATCTCTTGACTTTT
AGATGGCATTTC AACATGATGTCATGATTAATGATGACAACCTTGATGATATGATGGTTTAAGGAAATT
TTGTTGGTAGTAGGTAAGTCCCAGCATTCTGACTGTTGGTTTTCTTTCCCTTGGTAGAAAAGACAAA
TGCCAATTTTGAATCTTGAATGCAGTAGGCAGTTGTGTTGAAATAGTATGTGAGAATTACTTGCAAGCT
GAACATCCAGTCTGGGGCATGAACCTGGCATACAATGTAGATTTCTGTGTTTCGTTAGGCAACAGCTACA
TTGTCTGCTGGGTTTCAGGCTACCTGGAAACATGTTCTCCATTGGCTGTCTACCAATGCTACCCCTATA
ATGTTTCTGAATAACTGTTTTCCAGGAGGTATAAACCAGTGGAGTTTATCATTGAATAGAGTGCAGAGAA
AGGACCGCAAGAAAGCTGATCACCTCAGCAATGAATGATTTCAATACGATTTACCCAAATGGTCTCACA
CACCAGCCTAGTAAACCAGAGATAAGGTGTAATGTCATCCTTCCTTCTCCTCCTGCCTCAACTGTCAA
AGATTGACAACCTACATGTTGTTTACTTTTTGGCTTCTATTTCTGTTTCAT

OTI All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence [imiRBase](#). The
Disclaimer: 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: [MI0000298](#)

Synonyms: MIRN221 mir-221 miRNA221

Locus ID: 407006



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