

## Product datasheet for SC403116

### MIR10a Rat MicroRNA Expression Plasmid (MI0000841)

#### Product data:

<b>Product Type:</b>	MicroRNA Expression Plasmids
<b>Species:</b>	Rat
<b>Vector:</b>	pCMV-MIR (PCMVMIR)
<b>Precursor:</b>	GACCUGUCUGUCUUCUGUAUAUACCCUGUAGAUCCGAAUUUGUGUAAGGAAUUUGUGGUCACAAAUCGUAUCUAGGGGAAUAUGUAGUUGACAUA AACACUCUC
<b>Mature Sequence:</b>	UACCCUGUAGAUCCGAAUUUGUG
<b>Full insert:</b>	>MI0000841 TTCTCCTTTTGTGCTTAGCTAATGTTTACATCTAATAATTCATGCGCCACCGAAAGTCGCGAGGCGGCCA CGAGGTTTCGAGTCCCTTTGCCAACAGCTGCTTTTATTTTACGTTATTTTATTTTGGACTAGAAAGTTG TAACCCCTTGTAAATCCCAAGAACGGACCCACAGTGATTTTTTTCTGATCCCAGGGCTCAAATTTAAAA CAAAACGAAATAAAAATGAAAACATTCAGATCACACCCAAAAGAAGAACGCACGGACAGTAAGAGAAGT GAAATTTCTGGGCCAAGAAGACCTGTCTGTCTTCTGTATATACCTGTAGATCCGAATTTGTGTAAGGA ATTTTGTGGTCACAAATTCGTATCTAGGGGAATATGTAGTTGACATAAACACTCCGCTCATTTTCTTTCC CAGAAGAAAAATAGATTGTTTTCTAAATGAGGATAATCCAGTGACTGGCTTCAAGAAGACTCATTTTCTT TTCCTCCCTCAACTGATTAGGGAGAAAACCTACTACCTGAGGTGTCCCATGTCTGTCTGCCCTGGAA GCTTGGGTCCCTGTTCACTCAAGAGTTGATGTTACTGGTGTTTAACATTTATCCTCAAGCCCAACCT GCCTACTTTTATTCTGGGTCCAGGGGCTTCATTGGAATCTTAAGGGGGGGATTGCTGGCGCCTGCAG TGTGCAGAGG
<b>OTI Disclaimer:</b>	All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence <a href="#">imiRBase</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.
<b>E. coli Selection:</b>	Kanamycin (25 ug/mL)
<b>Mammalian Cell Selection:</b>	Neomycin
<b>Components:</b>	1 x 10 ug vial miRNA plasmid lyophilized in a 2-D bar-coded Matrix tube
<b>Also Contains:</b>	Both mature and minor (star) miRNA can be over expressed from the construct.
<b>RefSeq:</b>	<a href="#">MI0000841</a>
<b>Synonyms:</b>	rno-mir-10a



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