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Product datasheet for SC205385

MAD3 (MXD3) (NM_031300) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	MAD3
Synonyms:	BHLHC13; MAD3; MYX
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_031300
Insert Size:	408 bp
Insert Sequence:	>SC205385 3'UTR clone of NM_031300 The sequence shown below is from the reference sequence of NM_031300. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TACTCGCACGGCGGCGGCGCCTGGCTATGATGTTCCTCACCCAGGGCGGGCCTCTGCCCTCTACTCGTG CCAGGCCCACTTGCCAGGCAGGAGCCCTCCCCAAGCCTTCAGGGCTGCTCGGAGTCACCTGTTGGAATG GACTAAAAGGACCCTTGTGTGGGAACAGGTGCTCCCCAAACACCCTGCTGCTGGCTGCCAGGCAGGCCC TCTGGAAGGGAAGGGGCAGGACTCATCAGGACCTCCCTGGACCCCTGCAGGGCAGGCAGCTTGGGCCCG AGCCCAAGCATTTGGCTCTGCTGCCCCCAAGGGGACAGGAAGCCTCTTGGGCCTCTTCCCTTCCTGGAC AAGGCCCCCTGCCTTTGCCTCACATAAACTGTACAGTATTTTCATTAAAAGCCTCTTTCATAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_031300.4
Summary:	This gene encodes a member of the Myc superfamily of basic helix-loop-helix leucine zipper transcriptional regulators. The encoded protein forms a heterodimer with the cofactor MAX which binds specific E-box DNA motifs in the promoters of target genes and regulates their transcription. Disruption of the MAX-MXD3 complex is associated with uncontrolled cell proliferation and tumorigenesis. Transcript variants of this gene encoding different isoforms have been described.[provided by RefSeq, Dec 2008]
Locus ID:	83463
MW:	14.1