

Product datasheet for **MR203592L4V**

Mxi1 (NM_001008543) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mxi1 (NM_001008543) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mxi1
Synonyms:	bHLHc11; Gm10197; Mad2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001008543
ORF Size:	810 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203592).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_001008543.2
RefSeq Size:	4843 bp
RefSeq ORF:	579 bp
Locus ID:	17859
UniProt ID:	P50540
Cytogenetics:	19 47.53 cM



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Gene Summary:

This gene encodes a protein containing a helix-loop-helix domain characteristic of transcription factors, which allows heterodimerization and sequence-specific DNA binding. The encoded protein is related to a family of Myc/Max/Mad proteins that are involved in the regulation of several cellular processes. The protein encoded by this gene is a transcriptional repressor thought to negatively regulate Myc function. Three alternatively spliced transcripts encoding different isoforms have been described. [provided by RefSeq, Jul 2008]