

## Product datasheet for **RC223064L3V**

### MLX (NM\_198205) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	MLX (NM_198205) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MLX
Synonyms:	bHLHd13; MAD7; MXD7; TCFL4; TF4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_198205
ORF Size:	642 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223064).
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. <a href="#">More info</a>
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:	<a href="#">NM_198205.1</a> , <a href="#">NP_937848.1</a>
RefSeq Size:	2316 bp
RefSeq ORF:	645 bp
Locus ID:	6945
UniProt ID:	<a href="#">Q9UH92</a>
Cytogenetics:	17q21.2
Protein Families:	Druggable Genome, Transcription Factors
MW:	24.7 kDa



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**Gene Summary:**

The product of this gene belongs to the family of basic helix-loop-helix leucine zipper (bHLH-Zip) transcription factors. These factors form heterodimers with Mad proteins and play a role in proliferation, determination and differentiation. This gene product may act to diversify Mad family function by its restricted association with a subset of the Mad family of transcriptional repressors, namely, Mad1 and Mad4. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]