

Product datasheet for **RC224283L3V**

MLX (NM_170607) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | MLX (NM_170607) 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_170607 |
| ORF Size: | 894 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC224283). |
| 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_170607.2 , NP_733752.1 |
| RefSeq Size: | 2568 bp |
| RefSeq ORF: | 897 bp |
| Locus ID: | 6945 |
| UniProt ID: | Q9UH92 |
| Cytogenetics: | 17q21.2 |
| Protein Families: | Druggable Genome, Transcription Factors |
| MW: | 33.1 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]