

# Recombinant Full Length Human MLX Protein, GST-tagged

**Cat. No.** MLX-6375HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| <b>Product Overview</b> | Human MLX full-length ORF ( AAH10689, 1 a.a. - 244 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 244 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | 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] |
| <b>Molecular Mass</b>   | 52.58 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | MTEPGASPEDPWVKVEYAYS DNSLDPGLFVESTRKGSVVS RANSIGSTSASSVPNT<br>DDESDYHQEAYKESYKDRRRRAHTQAEQKRRDAIKRGYDDLQTIVPTCQQQDFSI<br>GSQKLSKAIVLQKTIDYIQFLHKEKKKQEEEVSTLRKDV TALKIMKVNYEQIVKAHQDN<br>PHEGEDQVSDQVKFNVFQGIMDSL FQSFNASISVASFQELSACVFSWIEEHCKPQTL<br>REIVIGVLHQLKNQLY                                                                                                                                                                                                                                                                                        |

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|-------------------------|--------------------------------------------------------------------------|
| <b>Applications</b>     | Antibody Production<br>Functional Study<br>Compound Screening            |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.   |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| <b>GENE INFORMATION</b> |                                                                          |
| <b>Gene Name</b>        | MLX MAX-like bHLHZIP protein [ Homo sapiens ]                            |
| <b>Official Symbol</b>  | MLX                                                                      |
| <b>Synonyms</b>         | MLX; MAX-like bHLHZIP protein; TCFL4;                                    |
| <b>Gene ID</b>          | 29955                                                                    |

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