

## Product datasheet for **TP323064M**

### MLX (NM\_198205) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens MAX-like protein X (MLX), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223064 representing NM_198205 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MTEPGASPEDPWVKVEYAYSDNSLDPDDESDYHQEAYKESYKDRRRRAHTQAEQRRDAIKRGYDDLQT IVPTCQQQDFSIGSQKLSKAIVLQKTIDYIQFLHKEKKKQEEVSTLRKDV TALKIMKVNVEQIVKAHQD NPHEGEDQVSDQVKFNVFQGIMDSLQSFNASISVASFQELSACVFSWIEEHCKPQTLREIVIGVLHQLK NQLY  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	24.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_937848</a>
Locus ID:	6945



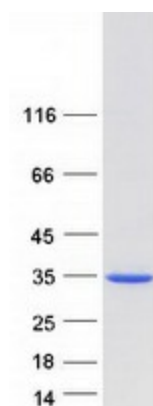
[View online »](#)

UniProt ID: [Q9UH92](#)  
RefSeq Size: 2316  
Cytogenetics: 17q21.2  
RefSeq ORF: 642  
Synonyms: bHLHd13; MAD7; MXD7; TCFL4; TF4

**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]

**Protein Families:** Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified MLX protein (Cat# [TP323064]). The protein was produced from HEK293T cells transfected with MLX cDNA clone (Cat# [RC223064]) using MegaTran 2.0 (Cat# [TT210002]).