

## Product datasheet for **TP301911M**

### MLX (NM\_198204) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human MAX-like protein X (MLX), transcript variant 2, 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC201911 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MTEPGASPEDPWVKVEYAYSDNSLDPGLFVESTRKGSVSRANSIGSTSASSVPNTDDESDYHQEAYKE  
SYKDRRRRAHTQAEQKRRDAIKRGYDDLQTIPTCQQQDFSIGSQKLSKAIVLQKTIDYIQFLHKEKKKQ  
EEEVSTLRKDVTALKIMKVNYEQIVKAHQDNPHEGEDQVSDQVKFNVFQGIMDSLFQSFNASISVASFQE  
LSACVFSWIEEHCKPQTLREIVIGVLHQLKNQLY

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 27.7 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:** [NP\\_937847](#)

**Locus ID:** 6945

**UniProt ID:** [Q9UH92](#)



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RefSeq Size: 2406

Cytogenetics: 17q21.2

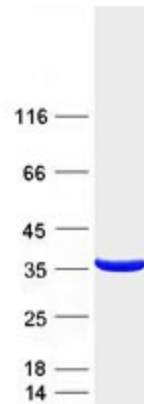
RefSeq ORF: 732

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# [TP301911]). The protein was produced from HEK293T cells transfected with MLX cDNA clone (Cat# [RC201911]) using MegaTran 2.0 (Cat# [TT210002]).