

## Product datasheet for **TP504137**

### Mlx (NM\_011550) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse MAX-like protein X (Mlx), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204137 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MTEPGASPEDPWVKASFADAHAGEGRAGRARARRGSGRRGAPQLSPESPLLSGARGCREDSSHPACAKVE  
YAYSDNSLDPGLFVESTHKGSVSRANSIGSTSASSVPNTDEEDSDYQQESYKESYKDRRRRAHTQAEQK  
RRDAIKRGYDDLQTIPTCQQQDFSIGSQKLSKAIMLQKTIDYIQFLHKEKKKQEEVSTLRKDVTALKI  
MKVNYEQIVKAHQDNPHGEDQVSDQVKFNVFQGIMDSLQSFNASISVASFQELSACVFSWIEEHCEPQ  
TLREIVIGVLHQLKNQLY

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	33.4 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
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 after receiving vials.
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_035680</a>
Locus ID:	21428
UniProt ID:	<a href="#">O08609</a> , <a href="#">A2BFB0</a> , <a href="#">Q3UQB4</a>



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RefSeq Size: 1992

Cytogenetics: 11 D

RefSeq ORF: 897

Synonyms: bHLHd13; Tcfl4; Tf4

**Summary:** Transcription regulator. Forms a sequence-specific DNA-binding protein complex with MAD1, MAD4, MNT, WBSCR14 and MLXIP which recognizes the core sequence 5'-CACGTG-3'. The TCFL4-MAD1, TCFL4-MAD4, TCFL4-WBSCR14 complexes are transcriptional repressors. Plays a role in transcriptional activation of glycolytic target genes. Involved in glucose-responsive gene regulation.[UniProtKB/Swiss-Prot Function]