

Recombinant Mouse Mlx Protein, Myc/DDK-tagged

Cat. No. Mlx-4093M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length MAX-like protein X (Mlx), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	33.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	MLx MAX-like protein X [Mus musculus (house mouse)]
Official Symbol	MLx
Synonyms	MLX; MAX-like protein X; max-like protein X; BigMax alpha; protein BigMax; MAX-like bHLHZIP protein; transcription factor like 4; transcription factor-like 4; transcription factor-like protein 4; Tcf14; bHLHd13
Gene ID	21428
mRNA Refseq	NM_011550
Protein Refseq	NP_035680
UniProt ID	O08609

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