

Recombinant Human MLX Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MLX-2889H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MLX MS Standard C13 and N15-labeled recombinant protein (NP_937848) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	24.7 kDa
AA Sequence	MTEPGASPEDPWVKVEYAYS DNSLDPDDEDS DYHQEAYKESYKDRRRRAHTQAE QKRRDAIKRGYDDLQTIVPTCQQQDFSIGSQKLSKAIVLQKTIDYIQFLHKEKKKQEE EVSTLRKDV TALKIMKVNYEQIVKAHQDNPHEGEDQVSDQVKFNVFQGIMDSLFQSF NASISVASFQELSACVFSWIEEHCKPQTLREIVIGVLHQLKNQLYTRTRPLEQKLISEE DLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	MLX MAX-like bHLHZIP protein [Homo sapiens (human)]
Official Symbol	MLX
Synonyms	MLX; MAX-like bHLHZIP protein; TCFL4;
Gene ID	6945
mRNA Refseq	NM_198205
Protein Refseq	NP_937848
MIM	602976
UniProt ID	Q9UH92

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SDS-PAGE

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