

Recombinant Human MLXIPL, GST-tagged

Cat. No. MLXIPL-111H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MLXIPL (603 aa. - 700 aa.) fused with GST-tag at N-terminal, was expressed in vitro wheat germ system.
Species	Human
Source	Wheat Germ
Description	This gene encodes a basic helix-loop-helix leucine zipper transcription factor of the Myc/Max/Mad superfamily. This protein forms a heterodimeric complex and binds and activates, in a glucose-dependent manner, carbohydrate response element (ChoRE) motifs in the promoters of triglyceride synthesis genes. The gene is deleted in Williams-Beuren syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at chromosome 7q11.23.
Molecular Mass	36.52 kDa
Sequence	PPAPSGSERRLSGDLSSMPGPGTLSVRVSPQPILSRGRPDSNKTENRRITHISAEQ KRRFNIKLGFDTLHGLVSTLSAQPSLKVSKATTLQKTAEYI
Purification	Glutathione Sepharose 4 Fast Flow
Storage buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Applications	ELISA; WB

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Storage	Store at -80 °C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.
OfficialSymbol	MLXIPL
GENE INFORMATION	
Gene Name	MLXIPL MLX interacting protein-like [Homo sapiens]
Synonyms	MLX interacting protein-like; MIO; CHREBP; MONDOB; WBSCR14; WS-bHLH; bHLHd14; MLXIPL; williams-Beuren syndrome chromosomal region 14 protein; Mlx interactor; MLX-interacting protein-like; class D basic helix-loop-helix protein 14; Williams Beuren syndrome chromosome region 14; carbohydrate response element binding protein; carbohydrate-responsive element-binding protein; WS basic-helix-loop-helix leucine zipper protein; Williams-Beuren syndrome chromosome region 14 protein 1; Williams-Beuren syndrome chromosome region 14 protein 2
Gene ID	51085
mRNA Refseq	NM_032951
Protein Refseq	NP_116569
MIM	605678
UniProt ID	Q9NP71
Chromosome Location	7q11.23

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Pathway	Integration of energy metabolism
Function	transcription repressor activity; transcription factor binding; transcription factor activity; transcription activator activity; protein homodimerization activity; protein heterodimerization activity; DNA binding

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