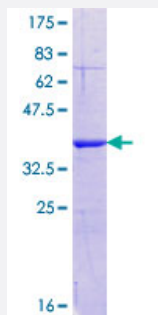


MLXIPL (Human) Recombinant Protein (Q01)

Catalog # H00051085-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MLXIPL partial ORF (NP_116569.1, 603 a.a. - 700 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	PPAPSGSERRLSGDLSSMPGPGTLSVRVSPQPILSRGRPDSNKTENRRRITHISAEQKRRFNIKLG FDTLHGLVSTLSAQPSLKVSKATTLQKTAEI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
Interspecies Antigen Sequence	Mouse (85); Rat (85)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	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.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MLXIPL

Entrez GeneID [51085](#)

GeneBank Accession# [NM_032951](#)

Protein Accession# [NP_116569.1](#)

Gene Name MLXIPL

Gene Alias CHREBP, MIO, MONDOB, WBSCR14, WS-bHLH, bHLHd14

Gene Description MLX interacting protein-like

Omim ID [605678](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations Mlx interactor|OTTHUMP00000160457|OTTHUMP00000160458|WS basic-helix-loop-helix leucine zipper protein|Williams Beuren syndrome chromosome region 14|carbohydrate response element binding protein|carbohydrate-responsive element-binding protein

Disease

- [Alzheimer disease](#)
- [Brain Ischemia](#)

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
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