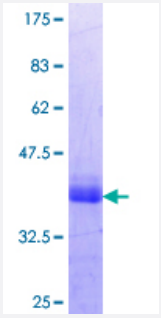
MLX (Human) Recombinant Protein (Q01)

Catalog # H00006945-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MLX partial ORF (NP_733752.1, 51 a.a. - 150 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	LSVPRGCREDSSHPACAKVEYAYSDNSLDPGLFVESTRKGSVVSRANSIGSTSASSVPNTDDED SDYHQEAYKESYKDRRRRAHTQAEQKRRDAIKRGYD
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (95); Rat (96)
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 — MLX

Entrez GeneID	6945
GeneBank Accession#	NM_170607
Protein Accession#	NP_733752.1
Gene Name	MLX
Gene Alias	MAD7, MXD7, TCFL4, bHLHd13
Gene Description	MAX-like protein X
Omim ID	602976
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq
Other Designations	BigMax protein|MAX-like bHLHZIP protein|transcription factor-like 4|transcription factor-like protein 4

Disease

- Alzheimer disease
- Cardiovascular Diseases

- Diabetes Complications
- Metabolic Syndrome X
- Neoplasms
- Osteoporosis