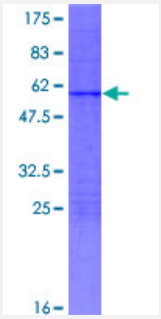
Full-Length

MXD3 (Human) Recombinant Protein (P01)

Catalog # H00083463-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MXD3 full-length ORF (NP_112590.1, 1 a.a. - 206 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MEPLASNIQVLLQAAEFLERREREAEHGYASLCPHRSPGPIHRRKKRPPQAPGAQDSGRSVHNE LEKRRRAQLKRCLERLKQQMPLGADCARYTTLSLLRRARMHIQKLEDQEQRARQLKERLRSKQQ SLQRQLEQLRGLAGAAERERLRADSLDSSGLSSERSDSDQEELEVDVESLVFGGEAELLRGFV AGQEHSYSHGGGAWL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	49.9
Interspecies Antigen Sequence	Mouse (83); Rat (81)
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 — MXD3

Entrez GeneID	83463
GeneBank Accession#	NM_031300.2
Protein Accession#	NP_112590.1
Gene Name	MXD3
Gene Alias	BHLHC13, FLJ35523, MAD3, MGC2383, MYX
Gene Description	MAX dimerization protein 3
Omim ID	609450
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the Myc superfamily of basic helix-loop-helix leucine zipper transcriptional regulators. The encoded protein forms a heterodimer with the cofactor MAX which binds specific E-box DNA motifs in the promoters of target genes and regulates their transcription. Disruption of the MAX-MXD3 complex is associated with uncontrolled cell proliferation and tumorigenesis. Transcript variants of this gene encoding different isoforms have been described.[provided by RefSeq
Other Designations	Max-associated protein 3|Max-interacting transcriptional repressor MAD3