

Recombinant Human MXD3 Protein, GST-tagged

Cat. No. MXD3-5775H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MXD3 full-length ORF (NP_112590.1, 1 a.a. - 206 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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
Molecular Mass	49.9 kDa
AA Sequence	MEPLASNIQVLLQAAEFLERREREAHGYASLCPHRSPGPIHRRKKRPPQAPGAQD SGRSVHNELEKRRRAQLKRCLERLKQQMPLGADCARYTTLSLLRRARMHIQKLEDQ EQRARQLKERLRSKQQSLQRQLEQLRGLAGAAERERLRADSLDSSGLSSERSDSD QEELEVDSVSLVFGGEAELLRGFVAGQEHSYSHGGGAWL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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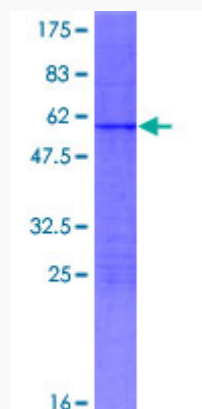
 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	MXD3 MAX dimerization protein 3 [Homo sapiens]
Official Symbol	MXD3
Synonyms	MYX; MAD3; BHLHC13
Gene ID	83463
mRNA Refseq	NM_031300
Protein Refseq	NP_112590
MIM	609450
UniProt ID	Q9BW11

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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