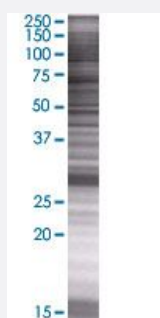


# MXD4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00010608-T02

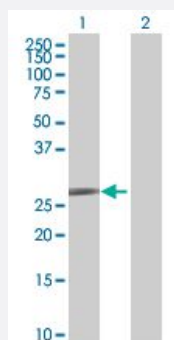
Size 100 uL

## Applications



### SDS-PAGE Gel

MXD4 transfected lysate.



### Western Blot

Lane 1: MXD4 transfected lysate ( 23.1 KDa)

Lane 2: Non-transfected lysate.

## Specification

**Transfected Cell Line** 293T

**Plasmid** pCMV-MXD4 full-length

**Host** Human

**Theoretical MW (kDa)** 23.1

**Interspecies Antigen Sequence** Mouse (91)

**Quality Control Testing**

Transient overexpression cell lysate was tested with Anti-MXD4 antibody ([H00010608-B02](#)) by Western Blots.  
SDS-PAGE Gel  
MXD4 transfected lysate.  
Western Blot  
Lane 1: MXD4 transfected lysate ( 23.1 KDa)  
Lane 2: Non-transfected lysate.

**Storage Buffer**

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — MXD4

**Entrez GeneID** [10608](#)

**GeneBank Accession#** [NM\\_006454.2](#)

**Protein Accession#** [NP\\_006445.1](#)

**Gene Name** MXD4

**Gene Alias** MAD4, MST149, MSTP149, bHLHc12

**Gene Description** MAX dimerization protein 4

**Gene Ontology** [Hyperlink](#)

**Gene Summary** This gene is a member of the MAD gene family . The MAD genes encode basic helix-loop-helix-leucine zipper proteins that heterodimerize with MAX protein, forming a transcriptional repression complex. The MAD proteins compete for MAX binding with MYC, which heterodimerizes with MAX forming a transcriptional activation complex. Studies in rodents suggest that the MAD genes are tumor suppressors and contribute to the regulation of cell growth in differentiating tissues. [provided by RefSeq]

**Other Designations** MAD4|Mad4 homolog