

Recombinant Human MXD4 Protein, His-tagged

Cat. No. MXD4-569H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MXD4 fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	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.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl. Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	23.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	MXD4 MAX dimerization protein 4 [Homo sapiens]
Official Symbol	MXD4
Synonyms	MXD4; MAX dimerization protein 4; max dimerization protein 4; bHLHc12; MAD4; MST149; MSTP149; Mad4 homolog; max dimerizer 4; max-associated protein 4; class C basic helix-loop-helix protein 12; max-interacting transcriptional repressor MAD4;
Gene ID	10608
mRNA Refseq	NM_006454
Protein Refseq	NP_006445
UniProt ID	Q14582

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