Recombinant Full Length Human MXD1 Protein, GST-tagged

Cat. No. MXD1-6631HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MXD1 full-length ORF (NP_002348.1, 1 a.a. - 221 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	221 amino acids
Description	MAX dimerization protein belongs to a subfamily of MAX-interacting proteins. This protein competes with MYC for binding to MAX to form a sequence-specific DNA-binding complex, acts as a transcriptional repressor (while MYC appears to function as an activator) and is a candidate tumor suppressor. [provided by RefSeq
Molecular Mass	51.7 kDa
AA Sequence	MAAAVRMNIQMLLEAADYLERREREAEHGYASMLPYNNKDRDALKRRNKSKKNNS SSRSTHNEMEKNRRAHLRLCLEKLKGLVPLGPESSRHTTLSLLTKAKLHIKKLEDCD RKAVHQIDQLQREQRHLKRQLEKLGIERIRMDSIGSTVSSERSDSDREEIDVDVEST DYLTGDLDWSSSSVSDSDERGSMQSLGSDEGYSSTSIKRIKLQDSHKACLGL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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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	MXD1 MAX dimerization protein 1 [Homo sapiens]
Official Symbol	MXD1
Synonyms	MXD1; MAX dimerization protein 1; MAD; max dimerization protein 1; bHLHc58; MAD1; max dimerizer 1; MAX-binding protein; antagonizer of myc transcriptional activity; BHLHC58; MGC104659;
Gene ID	4084
mRNA Refseq	NM_001202513
Protein Refseq	NP_001189442
MIM	600021
UniProt ID	Q05195

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