Recombinant Human MXD4 Protein, GST-tagged

Cat. No. MXD4-5776H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MXD4 full-length ORF (AAH02713, 1 a.a. - 58 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq
Molecular Mass	32.12 kDa
AA Sequence	MELNSLLILLEAAEYLERRDREAEHGYASVLPFDGDFAREKTKAAGLVRKAPNNRPP Q
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

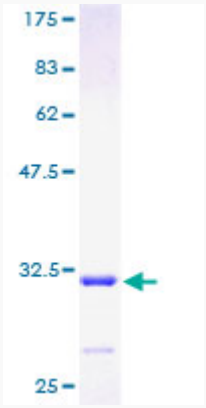
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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	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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Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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