

Recombinant Mouse Mxd3 Protein, Myc/DDK-tagged

Cat. No. Mxd3-4232M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length Max dimerization protein 3 (Mxd3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Transcriptional repressor. Binds with MAX to form a sequence-specific DNA-binding protein complex which recognizes the core sequence 5'-CAC[GA]TG-3'. Antagonizes MYC transcriptional activity by competing for MAX and suppresses MYC dependent cell transformation.
Molecular Mass	23.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Mxd3 Max dimerization protein 3 [Mus musculus (house mouse)]
Official Symbol	Mxd3
Synonyms	MXD3; Max dimerization protein 3; max dimerization protein 3; max dimerizer 3; max-associated protein 3; Mad3; bHLHc13; 4631412E13Rik
Gene ID	17121
mRNA Refseq	NM_016662
Protein Refseq	NP_057871
UniProt ID	Q80US8

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