



# Human MNT blocking peptide (CDBP2569)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-ROX/MNT antibody
<b>Antigen Description</b>	The Myc/Max/Mad network comprises a group of transcription factors that co-interact to regulate gene-specific transcriptional activation or repression. This gene encodes a protein member of the Myc/Max/Mad network. This protein has a basic-Helix-Loop-Helix-zipper domain (bHLHzip) with which it binds the canonical DNA sequence CANNTG, known as the E box, following heterodimerization with Max proteins. This protein is likely a transcriptional repressor and an antagonist of Myc-dependent transcriptional activation and cell growth. This protein represses transcription by binding to DNA binding proteins at its N-terminal Sin3-interaction domain. [provided by RefSeq, Jul 2008]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">MNT MAX binding protein [ Homo sapiens ]</a>
<b>Official Symbol</b>	MNT

<b>Synonyms</b>	MNT; MAX binding protein; max-binding protein MNT; bHLHd3; MAD6; Max interacting protein; MXD6; myc antagonist; ROX; myc antagonist MNT; Max-interacting protein; class D basic helix-loop-helix protein 3;
<b>Entrez Gene ID</b>	<a href="#">4335</a>
<b>mRNA Refseq</b>	<a href="#">NM_020310</a>
<b>Protein Refseq</b>	<a href="#">NP_064706</a>
<b>UniProt ID</b>	Q99583
<b>Chromosome Location</b>	17p13.3
<b>Function</b>	DNA binding; chromatin binding; sequence-specific DNA binding transcription factor activity; transcription coactivator activity; transcription corepressor activity;