

Product datasheet for **RC211057L4V**

MAX binding protein (MNT) (NM_020310) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MAX binding protein (MNT) (NM_020310) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MNT
Synonyms:	bHLHd3; lncRNA-HAL; MAD6; MXD6; ROX
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_020310
ORF Size:	1746 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211057).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_020310.2
RefSeq Size:	4865 bp
RefSeq ORF:	1749 bp
Locus ID:	4335
UniProt ID:	Q99583
Cytogenetics:	17p13.3
MW:	62.3 kDa



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Gene Summary:

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]