

Product datasheet for **MR224110L3V**

Malt1 (NM_172833) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Malt1 (NM_172833) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Malt1
Synonyms:	A630046N12; D430033E09Rik; Pcaspl
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_172833
ORF Size:	2463 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224110).
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_172833.2
RefSeq Size:	5008 bp
RefSeq ORF:	2466 bp
Locus ID:	240354
UniProt ID:	Q2TBA3
Cytogenetics:	18 E1



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Gene Summary:

Enhances BCL10-induced activation of NF-kappa-B. Involved in nuclear export of BCL10. Binds to TRAF6, inducing TRAF6 oligomerization and activation of its ligase activity. Has ubiquitin ligase activity (By similarity). MALT1-dependent BCL10 cleavage plays an important role in T-cell antigen receptor-induced integrin adhesion (By similarity). Involved in the induction of T helper 17 cells (Th17) differentiation. Cleaves RC3H1 and ZC3H12A in response to T-cell receptor (TCR) stimulation which releases their cooperatively repressed targets to promote Th17 cell differentiation (PubMed:25282160).[UniProtKB/Swiss-Prot Function]