

Product datasheet for **MR223638L4V**

Dnmbp (NM_028029) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Dnmbp (NM_028029) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Dnmbp
Synonyms:	2410003L07Rik; 2410003M15Rik; Tub; TUBA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_028029
ORF Size:	4740 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223638).
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_028029.4 , NP_082305.1
RefSeq Size:	6113 bp
RefSeq ORF:	4743 bp
Locus ID:	71972
UniProt ID:	Q6TXD4
Cytogenetics:	19 C3



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Gene Summary:

This gene encodes a member of the DBL family of guanine nucleotide exchange factors. The encoded protein has been proposed to regulate the actin cytoskeleton by specifically activating the Rho-family GTPase Cdc42. An interaction between the encoded protein and a *Listeria* protein has been shown to mediate *Listeria* infection. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015]