

Product datasheet for **MR208990L3V**

Mtmr2 (BC063050) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mtmr2 (BC063050) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mtmr2
Synonyms:	6030445P13Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	BC063050
ORF Size:	1491 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208990).
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:	BC063050 , AAH63050
RefSeq Size:	3125 bp
RefSeq ORF:	1715 bp
Locus ID:	77116
Cytogenetics:	9 A1



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Gene Summary:

Phosphatase that acts on lipids with a phosphoinositol headgroup (PubMed:12045210, PubMed:16399794). Has phosphatase activity towards phosphatidylinositol 3-phosphate and phosphatidylinositol 3,5-bisphosphate (PubMed:12045210, PubMed:16399794). Binds phosphatidylinositol 4-phosphate, phosphatidylinositol 5-phosphate, phosphatidylinositol 3,5-bisphosphate and phosphatidylinositol 3,4,5-trisphosphate (PubMed:12045210, PubMed:16399794). Stabilizes SBF2/MTMR13 at the membranes (PubMed:23297362). Specifically in peripheral nerves, stabilizes SBF2/MTMR13 protein (PubMed:23297362). [UniProtKB/Swiss-Prot Function]