

Product datasheet for **MR216200L3V**

Ppm1e (NM_177167) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ppm1e (NM_177167) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ppm1e
Synonyms:	AW049266; B930008A12Rik; mKIAA1072; POPX1; PP2CH
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_177167
ORF Size:	2250 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR216200).
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_177167.4 , NP_796141.2
RefSeq Size:	6315 bp
RefSeq ORF:	2250 bp
Locus ID:	320472
UniProt ID:	Q80TLO
Cytogenetics:	11 C



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Gene Summary:

Protein phosphatase that inactivates multifunctional CaM kinases such as CAMK4 and CAMK2. Dephosphorylates and inactivates PAK. May play a role in the inhibition of actin fiber stress breakdown and in morphological changes driven by TNK2/CDC42 (By similarity). Dephosphorylates PRKAA2.[UniProtKB/Swiss-Prot Function]