

Product datasheet for **MR208414L4V**

Pmpca (NM_173180) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pmpca (NM_173180) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pmpca
Synonyms:	1200002L24Rik; 4933435E07Rik; Alpha-MPP; P-55
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_173180
ORF Size:	1575 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208414).
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_173180.3 , NP_775272.1
RefSeq Size:	3125 bp
RefSeq ORF:	1575 bp
Locus ID:	66865
UniProt ID:	Q9DC61
Cytogenetics:	2 A3



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Gene Summary:

Substrate recognition and binding subunit of the essential mitochondrial processing protease (MPP), which is required for maturation of the majority of mitochondrial precursor proteins (By similarity). Most MPP cleavage sites follow an arginine at position -2 (By similarity). [UniProtKB/Swiss-Prot Function]