Product datasheet for RC218489L4V

MPPE1 (NM_023075) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MPPE1 (NM_023075) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MPPE1
Synonyms:	Cdc1; PGAP5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_023075
ORF Size:	1188 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218489).
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_023075.5
RefSeq Size:	2976 bp
RefSeq ORF:	1191 bp
Locus ID:	65258
UniProt ID:	Q53F39
Cytogenetics:	18p11.21
Domains:	Metallophos
Protein Families:	Transmembrane

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MW: 45.1 kDa

Gene Summary: Metallophosphoesterase required for transport of GPI-anchor proteins from the endoplasmic reticulum to the Golgi. Acts in lipid remodeling steps of GPI-anchor maturation by mediating the removal of a side-chain ethanolamine-phosphate (EtNP) from the second Man (Man2) of the GPI intermediate, an essential step for efficient transport of GPI-anchor proteins. [UniProtKB/Swiss-Prot Function]