

Product datasheet for **MR220320L4V**

Pitpnm1 (NM_001136078) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pitpnm1 (NM_001136078) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pitpnm1
Synonyms:	DRES9; mpt-1; Pitpnm; R75447; Rd9; RdgB
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001136078
ORF Size:	3732 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220320).
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_001136078.1 , NP_001129550.1
RefSeq Size:	4106 bp
RefSeq ORF:	3732 bp
Locus ID:	18739
Cytogenetics:	19 3.81 cM



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Gene Summary:

Regulates RHOA activity, and plays a role in cytoskeleton remodeling. Necessary for normal completion of cytokinesis. Plays a role in maintaining normal diacylglycerol levels in the Golgi apparatus. Binds phosphatidyl inositol phosphates (in vitro). May catalyze the transfer of phosphatidylinositol and phosphatidylcholine between membranes (By similarity). Necessary for maintaining the normal structure of the endoplasmic reticulum and the Golgi apparatus. Required for protein export from the endoplasmic reticulum and the Golgi. Binds calcium ions (By similarity).[UniProtKB/Swiss-Prot Function]