

Product datasheet for **MR224096L4V**

Pitpnc1 (NM_145823) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pitpnc1 (NM_145823) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pitpnc1
Synonyms:	1110020B03Rik; 5830436L09Rik; AI662802; AI851387; C330017I21Rik; Dnr411; rdgB-beta; RDGBB; RDGBB1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_145823
ORF Size:	807 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224096).
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_145823.2 , NP_665822.1
RefSeq Size:	6350 bp
RefSeq ORF:	807 bp
Locus ID:	71795
UniProt ID:	Q8K4R4
Cytogenetics:	11 E1


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Gene Summary:

Phosphatidylinositol transfer proteins mediate the monomeric transport of lipids by shielding a lipid from the aqueous environment and binding the lipid in a hydrophobic cavity. Able to transfer phosphatidylinositol in vitro. Isoform 2 specifically binds to phosphatidylinositol but not to other phospholipids and may play a role in the phosphoinositide-mediated signaling in the neural development.[UniProtKB/Swiss-Prot Function]