

Product datasheet for **MR211318L4V**

Pacs1 (NM_153129) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pacs1 (NM_153129) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pacs1
Synonyms:	AI325977
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_153129
ORF Size:	2883 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211318).
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_153129.2
RefSeq Size:	4361 bp
RefSeq ORF:	2886 bp
Locus ID:	107975
UniProt ID:	Q8K212
Cytogenetics:	19 A



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Gene Summary:

Coat protein that is involved in the localization of trans-Golgi network (TGN) membrane proteins that contain acidic cluster sorting motifs. Controls the endosome-to-Golgi trafficking of furin and mannose-6-phosphate receptor by connecting the acidic-cluster-containing cytoplasmic domain of these molecules with the adapter-protein complex-1 (AP-1) of endosomal clathrin-coated membrane pits (By similarity).[UniProtKB/Swiss-Prot Function]