

Product datasheet for **RR207383L4V**

Atp6v1c1 (NM_001011992) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Atp6v1c1 (NM_001011992) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Atp6v1c1
Synonyms:	MGC109315
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001011992
ORF Size:	1146 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR207383).
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_001011992.1 , NP_001011992.1
RefSeq Size:	1785 bp
RefSeq ORF:	1149 bp
Locus ID:	299971
UniProt ID:	Q5FVI6
Cytogenetics:	7q22



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Gene Summary:

Subunit of the peripheral V1 complex of vacuolar ATPase. Subunit C is necessary for the assembly of the catalytic sector of the enzyme and is likely to have a specific function in its catalytic activity. V-ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells (By similarity).[UniProtKB/Swiss-Prot Function]