

Product datasheet for **MR207742L4V**

Atp6v1h (NM_133826) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Atp6v1h (NM_133826) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Atp6v1h
Synonyms:	0710001F19Rik; AU022349; CGI-11; SFD; SFDalpha; SFDbeta; VMA13
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_133826
ORF Size:	1449 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207742).
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_133826.4
RefSeq Size:	1976 bp
RefSeq ORF:	1452 bp
Locus ID:	108664
UniProt ID:	Q8BVE3
Cytogenetics:	1 A1



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Gene Summary:

Subunit of the peripheral V1 complex of vacuolar ATPase. Subunit H activates the ATPase activity of the enzyme and couples ATPase activity to proton flow. Vacuolar ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells, thus providing most of the energy required for transport processes in the vacuolar system. Involved in the endocytosis mediated by clathrin-coated pits, required for the formation of endosomes (By similarity).[UniProtKB/Swiss-Prot Function]