

Product datasheet for **MR226121L4V**

Atp6ap2 (NM_027439) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Atp6ap2 (NM_027439) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Atp6ap2
Synonyms:	(P)RR; 5730403E06Rik; APT6M8-9; Atp6ip2; ATP6M8-9; M8-9; PRR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_027439
ORF Size:	1050 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226121).
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_027439.4 , NP_081715.1
RefSeq Size:	2376 bp
RefSeq ORF:	1053 bp
Locus ID:	70495
UniProt ID:	Q9CYN9
Cytogenetics:	X A1.1



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Gene Summary:

Functions as a renin and prorenin cellular receptor. May mediate renin-dependent cellular responses by activating ERK1 and ERK2. By increasing the catalytic efficiency of renin in AGT/angiotensinogen conversion to angiotensin I, it may also play a role in the renin-angiotensin system (RAS) (By similarity).[UniProtKB/Swiss-Prot Function]