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Product datasheet for MR202655L3V

Atp6v1e2 (NM_029121) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Atp6v1e2 (NM_029121) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Atp6v1e2
Synonyms:	4930500C14Rik; Atp6e1; E1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_029121
ORF Size:	678 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(MR202655).`
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_029121.3, NP_083397.3
RefSeq Size:	1005 bp
RefSeq ORF:	681 bp
Locus ID:	74915
UniProt ID:	Q9D593
Cytogenetics:	17 E4

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Gene Summary: Subunit of the peripheral V1 complex of vacuolar ATPase essential for assembly or catalytic function. V-ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells. This isoform is essential for energy coupling involved in acidification of acrosome.[UniProtKB/Swiss-Prot Function]