Product datasheet for RC209007L4V

ATP6V0D2 (NM_152565) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ATP6V0D2 (NM_152565) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ATP6V0D2
Synonyms:	ATP6D2; VMA6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_152565
ORF Size:	1050 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209007).
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_152565.1, NP_689778.1
RefSeq Size:	2370 bp
RefSeq ORF:	1053 bp
Locus ID:	245972
UniProt ID:	Q8N8Y2
Cytogenetics:	8q21.3
Protein Pathways:	Epithelial cell signaling in Helicobacter pylori infection, Lysosome, Metabolic pathways, Oxidative phosphorylation, Vibrio cholerae infection

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MW: 40.4 kDa

Gene Summary: Subunit of the integral membrane V0 complex of vacuolar ATPase. 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. May play a role in coupling of proton transport and ATP hydrolysis (By similarity). [UniProtKB/Swiss-Prot Function]

ORIGENE

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.

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