

## Product datasheet for **RC222814L4V**

### ATP11B (NM\_014616) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ATP11B (NM_014616) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ATP11B
Synonyms:	ATPIF; ATPIR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014616
ORF Size:	3531 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222814).
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. <a href="#">More info</a>
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:	<a href="#">NM_014616.1</a>
RefSeq Size:	7368 bp
RefSeq ORF:	3534 bp
Locus ID:	23200
UniProt ID:	<a href="#">Q9Y2G3</a>
Cytogenetics:	3q26.33
Protein Families:	Transmembrane
MW:	134 kDa



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**Gene Summary:**

P-type ATPases, such as ATP11B, are phosphorylated in their intermediate state and drive uphill transport of ions across membranes. Several subfamilies of P-type ATPases have been identified. One subfamily transports heavy metal ions, such as Cu(2+) or Cd(2+). Another subfamily transports non-heavy metal ions, such as H(+), Na(+), K(+), or Ca(+). A third subfamily transports amphipaths, such as phosphatidylserine.[supplied by OMIM, Feb 2005]