

## Product datasheet for **RC210275L4V**

### **ATP6IP2 (ATP6AP2) (NM\_005765) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	ATP6IP2 (ATP6AP2) (NM_005765) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ATP6IP2
Synonyms:	APT6M8-9; ATP6IP2; ATP6M8-9; CDG2R; ELDF10; HT028; M8-9; MRXE; MRXSH; MSTP009; PRR; RENR; XMRE; XPDS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005765
ORF Size:	1050 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210275).
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_005765.2</a>
RefSeq Size:	2044 bp
RefSeq ORF:	1053 bp
Locus ID:	10159
UniProt ID:	<a href="#">O75787</a>
Cytogenetics:	Xp11.4
Protein Families:	Druggable Genome, Transmembrane



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**MW:** 39 kDa

**Gene Summary:** This gene encodes a protein that is associated with adenosine triphosphatases (ATPases). Proton-translocating ATPases have fundamental roles in energy conservation, secondary active transport, acidification of intracellular compartments, and cellular pH homeostasis. There are three classes of ATPases- F, P, and V. The vacuolar (V-type) ATPases have a transmembrane proton-conducting sector and an extramembrane catalytic sector. The encoded protein has been found associated with the transmembrane sector of the V-type ATPases. [provided by RefSeq, Jul 2008]