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Product datasheet for RC226343L3V

ATP8A1 (NM_001105529) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ATP8A1 (NM_001105529) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ATP8A1
Synonyms:	ATPASEII; ATPIA; ATPP2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001105529
ORF Size:	3447 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226343).
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_001105529.1, NP_001098999.1
RefSeq ORF:	3450 bp
Locus ID:	10396
UniProt ID:	Q9Y2Q0
Cytogenetics:	4p13
Protein Families:	Transmembrane
MW:	129.5 kDa

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Gene Summary: The P-type adenosinetriphosphatases (P-type ATPases) are a family of proteins which use the free energy of ATP hydrolysis to drive uphill transport of ions across membranes. Several subfamilies of P-type ATPases have been identified. One subfamily catalyzes transport of heavy metal ions. Another subfamily transports non-heavy metal ions (NMHI). The protein encoded by this gene is a member of the third subfamily of P-type ATPases and acts to transport amphipaths, such as phosphatidylserine. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]