

Product datasheet for **RC214954L4V**

ATP2C1 (NM_001001486) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ATP2C1 (NM_001001486) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ATP2C1
Synonyms:	ATP2C1A; BCPM; HHD; hSPCA1; PMR1; SPCA1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001001486
ORF Size:	2847 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214954).
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_001001486.1
RefSeq Size:	3514 bp
RefSeq ORF:	2850 bp
Locus ID:	27032
UniProt ID:	P98194
Cytogenetics:	3q22.1
Protein Families:	Druggable Genome, Transmembrane
MW:	103.9 kDa



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Gene Summary:

The protein encoded by this gene belongs to the family of P-type cation transport ATPases. This magnesium-dependent enzyme catalyzes the hydrolysis of ATP coupled with the transport of calcium ions. Defects in this gene cause Hailey-Hailey disease, an autosomal dominant disorder. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Aug 2011]