

Product datasheet for **RC230431L4V**

SLC34A2 (NM_001177999) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC34A2 (NM_001177999) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC34A2
Synonyms:	NAPI-3B; NAPI-IIb; NPTIIb; PULAM
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001177999
ORF Size:	2067 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230431).
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_001177999.1 , NP_001171470.1
RefSeq Size:	4187 bp
RefSeq ORF:	2070 bp
Locus ID:	10568
UniProt ID:	O95436
Cytogenetics:	4p15.2
Protein Families:	Transmembrane
MW:	75.6 kDa



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Gene Summary:

The protein encoded by this gene is a pH-sensitive sodium-dependent phosphate transporter. Phosphate uptake is increased at lower pH. Defects in this gene are a cause of pulmonary alveolar microlithiasis. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, May 2010]