Product datasheet for RC218736L3V

SLC34A2 (NM_006424) Human Tagged ORF Clone Lentiviral Particle

Product data:

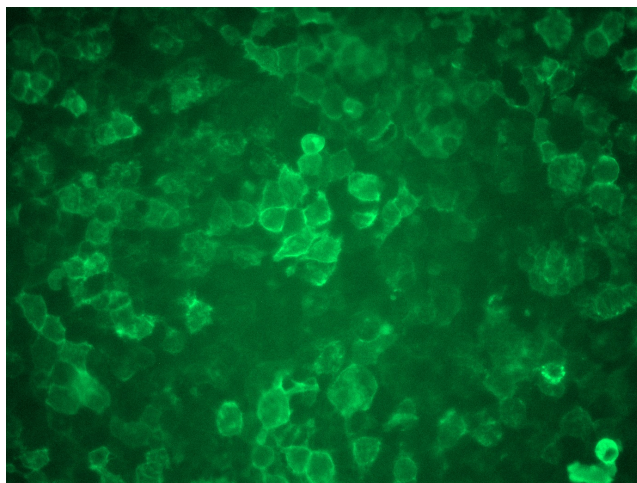|	
Product Type:	Lentiviral Particles
Product Name:	SLC34A2 (NM_006424) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC34A2
Synonyms:	NAPI-3B; NAPI-IIb; NPTIIb; PULAM
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_006424
ORF Size:	2079 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218736).
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_006424.1
RefSeq Size:	2280 bp
RefSeq ORF:	2073 bp
Locus ID:	10568
UniProt ID:	O95436
Cytogenetics:	4p15.2
Protein Families:	Transmembrane
MW:	75.7 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]

Product images:

[RC218736L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC218736L3V particle to overexpress human SLC34A2-Myc-DDK fusion protein.