Product datasheet for RC201882L2V

SLC20A1 (NM_005415) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC20A1 (NM_005415) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC20A1
Synonyms:	Glvr-1; GLVR1; PiT-1; PIT1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_005415
ORF Size:	2037 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201882).
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_005415.3
RefSeq Size:	3297 bp
RefSeq ORF:	2040 bp
Locus ID:	6574
UniProt ID:	Q8WUM9
Cytogenetics:	2q14.1
Domains:	PHO4
Protein Families:	Druggable Genome, Transmembrane

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MW: 73.5 kDa

Gene Summary: The protein encoded by this gene is a sodium-phosphate symporter that absorbs phosphate from interstitial fluid for use in cellular functions such as metabolism, signal transduction, and nucleic acid and lipid synthesis. The encoded protein is also a retroviral receptor, causing human cells to be susceptible to infection by gibbon ape leukemia virus, simian sarcoma-associated virus, feline leukemia virus subgroup B, and 10A1 murine leukemia virus. [provided by RefSeq, Mar 2011]