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Product datasheet for RC211657L3V

SLC23A1 (NM_005847) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC23A1 (NM_005847) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC23A1
Synonyms:	SLC23A2; SVCT1; YSPL3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_005847
ORF Size:	1794 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211657).
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_005847.3
RefSeq Size:	2326 bp
RefSeq ORF:	1797 bp
Locus ID:	9963
UniProt ID:	Q9UHI7
Cytogenetics:	5q31.2
Domains:	xan_ur_permease
Protein Families:	Transmembrane

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MW: 64.6 kDa

Gene Summary: The absorption of vitamin C into the body and its distribution to organs requires two sodium-dependent vitamin C transporters. This gene encodes one of the two transporters. The encoded protein is active in bulk vitamin C transport involving epithelial surfaces. Previously, this gene had an official symbol of SLC23A2. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2008]