

## Product datasheet for **RC218172L3V**

### SLC22A3 (NM\_021977) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC22A3 (NM_021977) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC22A3
Synonyms:	EMT; EMTH; OCT3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_021977
ORF Size:	1668 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218172).
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. <a href="#">More info</a>
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:	<a href="#">NM_021977.2</a>
RefSeq Size:	5624 bp
RefSeq ORF:	1671 bp
Locus ID:	6581
UniProt ID:	<a href="#">O75751</a>
Cytogenetics:	6q25.3
Domains:	sugar_tr
Protein Families:	Transmembrane



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**MW:** 61.1 kDa

**Gene Summary:** Polyspecific organic cation transporters in the liver, kidney, intestine, and other organs are critical for elimination of many endogenous small organic cations as well as a wide array of drugs and environmental toxins. This gene is one of three similar cation transporter genes located in a cluster on chromosome 6. The encoded protein contains twelve putative transmembrane domains and is a plasma integral membrane protein. [provided by RefSeq, Jul 2008]