

Product datasheet for **RC223318L3V**

SLC47A2 (NM_001099646) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	SLC47A2
Synonyms:	MATE2; MATE2-B; MATE2-K; MATE2K
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001099646
ORF Size:	1698 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC223318).

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_001099646.1
RefSeq Size:	2247 bp
RefSeq ORF:	1701 bp
Locus ID:	146802
UniProt ID:	Q86VL8
Cytogenetics:	17p11.2



Protein Families: Transmembrane

MW: 61 kDa

Gene Summary: This gene encodes a protein belonging to a family of transporters involved in excretion of toxic electrolytes, both endogenous and exogenous, through urine and bile. This transporter family shares homology with the bacterial MATE (multidrug and toxin extrusion) protein family responsible for drug resistance. This gene is one of two members of the MATE transporter family located near each other on chromosome 17. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]