

## Product datasheet for **MR220070L4V**

### Slc14a2 (NM\_001110274) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Slc14a2 (NM_001110274) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Slc14a2
Synonyms:	UT-A1; UT-A3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001110274
ORF Size:	969 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220070).
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_001110274.1</a> , <a href="#">NP_001103744.1</a>
RefSeq Size:	1428 bp
RefSeq ORF:	972 bp
Locus ID:	27411
UniProt ID:	<a href="#">Q8R4T9</a>
Cytogenetics:	18 E3



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**Gene Summary:**

Specialized low-affinity vasopressin-regulated urea transporter. Mediates rapid transepithelial urea transport across the inner medullary collecting duct and plays a major role in the urinary concentrating mechanism. Vasopressin regulates urea transport by increasing isoform A1 accumulation in the plasma membrane and/or phosphorylation of isoform A1 (By similarity). [UniProtKB/Swiss-Prot Function]