

## Product datasheet for **RC213567L4V**

### SLC14A2 (NM\_007163) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC14A2 (NM_007163) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC14A2
Synonyms:	hUT-A6; HUT2; UT-A2; UT2; UTA; UTR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007163
ORF Size:	2760 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213567).
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_007163.2</a> , <a href="#">NP_009094.2</a>
RefSeq Size:	4166 bp
RefSeq ORF:	2763 bp
Locus ID:	8170
UniProt ID:	<a href="#">Q15849</a>
Cytogenetics:	18q12.3
Domains:	UT
Protein Families:	Transmembrane



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**MW:** 101 kDa

**Gene Summary:** The protein encoded by this gene belongs to the urea transporter family. In mammalian cells, urea is the chief end product of nitrogen catabolism, and plays an important role in the urinary concentration mechanism. This protein is expressed in the inner medulla of the kidney, and mediates rapid transepithelial urea transport across the inner medullary collecting duct. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2011]