

## Product datasheet for **MR223891L3V**

### Slc12a7 (NM\_011390) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Slc12a7 (NM_011390) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Slc12a7
Synonyms:	AA408796; D13Ertd261e; Kcc4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_011390
ORF Size:	3249 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223891).
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_011390.2</a> , <a href="#">NP_035520.1</a>
RefSeq Size:	5131 bp
RefSeq ORF:	3252 bp
Locus ID:	20499
UniProt ID:	<a href="#">Q9WVL3</a>
Cytogenetics:	13 40.15 cM



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**Gene Summary:**

Mediates electroneutral potassium-chloride cotransport when activated by cell swelling (By similarity). May mediate K(+) uptake into Deiters' cells in the cochlea and contribute to K(+) recycling in the inner ear. Important for the survival of cochlear outer and inner hair cells and the maintenance of the organ of Corti. May be required for basolateral Cl(-) extrusion in the kidney and contribute to renal acidification.[UniProtKB/Swiss-Prot Function]