

Product datasheet for **RR200430L4V**

Slc30a2 (NM_012890) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Slc30a2 (NM_012890) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Slc30a2
Synonyms:	ZnT-2; Znt2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_012890
ORF Size:	1077 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR200430).
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_012890.2 , NP_037022.1
RefSeq Size:	3039 bp
RefSeq ORF:	1080 bp
Locus ID:	25362
UniProt ID:	Q62941
Cytogenetics:	5q36


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Gene Summary:

The protein encoded by this gene is a zinc transporter. It is localized in the vesicles and suggested to protect the cells from zinc toxicity by facilitating vesicular sequestration. Alternatively spliced transcript variants have been found for this gene, one of which initiates translation from a non-AUG (CUG) start codon. [provided by RefSeq, Jul 2008]