

Product datasheet for **RR212644L4V**

Slc30a8 (NM_001130538) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Slc30a8 (NM_001130538) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Slc30a8
Synonyms:	ZnT-8
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001130538
ORF Size:	966 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR212644).
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_001130538.1 , NP_001124010.1
RefSeq Size:	1278 bp
RefSeq ORF:	969 bp
Locus ID:	299903
UniProt ID:	P0CE46
Cytogenetics:	7q31



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Gene Summary:

Facilitates the accumulation of zinc from the cytoplasm into intracellular vesicles, being a zinc-efflux transporter (By similarity). May be a major component for providing zinc to insulin maturation and/or storage processes in insulin-secreting pancreatic beta-cells.
[UniProtKB/Swiss-Prot Function]