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Product datasheet for MR225364L3V

Slc30a8 (NM_172816) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Slc30a8 (NM_172816) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Slc30a8
Synonyms:	C820002P14Rik; ZnT-8; ZnT8
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_172816
ORF Size:	1104 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(MR225364).`
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_172816.3
RefSeq Size:	1906 bp
RefSeq ORF:	1104 bp
Locus ID:	239436
UniProt ID:	Q8BGG0
Cytogenetics:	15 C

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