

Product datasheet for **MR210027L4V**

Slc3a1 (NM_009205) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Slc3a1 (NM_009205) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Slc3a1
Synonyms:	D2H; NBAT; NTAA; RBAT
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009205
ORF Size:	2058 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210027).
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_009205.2 , NP_033231.2
RefSeq Size:	2307 bp
RefSeq ORF:	2058 bp
Locus ID:	20532
UniProt ID:	Q91WV7
Cytogenetics:	17 55.17 cM



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Gene Summary:

Involved in the high-affinity sodium-independent transport of cystine and neutral and dibasic amino acids (system B(0,+)-like activity). May function as an activator of SLC7A9 and be involved in the high-affinity reabsorption of cystine in the kidney proximal tubule.
[UniProtKB/Swiss-Prot Function]