

Product datasheet for **MR208578L4V**

Slc39a5 (NM_028092) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Slc39a5 (NM_028092) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Slc39a5
Synonyms:	1810013D05Rik; 2010205A06Rik; Zip5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_028092
ORF Size:	1608 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208578).
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_028092.1
RefSeq Size:	1906 bp
RefSeq ORF:	1608 bp
Locus ID:	72002
UniProt ID:	Q9D856
Cytogenetics:	10 D3



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Gene Summary:

May play a role in polarized cells by carrying out serosal-to-mucosal zinc transport. Plays a role in eye development. Could regulate the BMP/TGF-beta (bone morphogenetic protein/transforming growth factor-beta) signaling pathway and modulates extracellular matrix (ECM) proteins of the sclera (PubMed:24891338). Seems to play a central role in controlling organismal zinc status.[UniProtKB/Swiss-Prot Function]