

Product datasheet for **MR208511L4V**

Slc37a1 (NM_153062) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Slc37a1 (NM_153062) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Slc37a1
Synonyms:	G3PP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_153062
ORF Size:	1596 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208511).
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_153062.2 , NP_694702.1
RefSeq Size:	2942 bp
RefSeq ORF:	1596 bp
Locus ID:	224674
UniProt ID:	Q8R070
Cytogenetics:	17 B1



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Gene Summary:

Inorganic phosphate and glucose-6-phosphate antiporter. May transport cytoplasmic glucose-6-phosphate into the lumen of the endoplasmic reticulum and translocate inorganic phosphate into the opposite direction. Independent of a luminal glucose-6-phosphatase. May not play a role in homeostatic regulation of blood glucose levels.[UniProtKB/Swiss-Prot Function]