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Product datasheet for MR216321L2V

Slc38a5 (NM_172479) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Slc38a5 (NM_172479) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Slc38a5
Synonyms:	C81234; E330031E14; JM24; SN2
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_172479
ORF Size:	1437 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR216321).
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_172479.2, NP_766067.2
RefSeq Size:	1857 bp
RefSeq ORF:	1440 bp
Locus ID:	209837
UniProt ID:	Q3U1J0
Cytogenetics:	X A1.1

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Gene Summary: Functions as a sodium-dependent amino acid transporter which countertransport protons. Mediates the saturable, pH-sensitive, and electrogenic cotransport of several neutral amino acids including glycine, asparagine, alanine, serine, glutamine and histidine with sodium (By similarity).[UniProtKB/Swiss-Prot Function]