

Product datasheet for **RR203470L4V**

Slc38a5 (NM_138854) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Slc38a5 (NM_138854) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Slc38a5
Synonyms:	SN2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_138854
ORF Size:	1413 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR203470).
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_138854.1 , NP_620209.1
RefSeq Size:	1891 bp
RefSeq ORF:	1416 bp
Locus ID:	192208
UniProt ID:	A2VCW5
Cytogenetics:	Xq12



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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. [UniProtKB/Swiss-Prot Function]