

Product datasheet for **MR224628L4V**

Slc18a2 (NM_172523) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Slc18a2 (NM_172523) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Slc18a2
Synonyms:	1110037L13Rik; 9330105E13; Vmat2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_172523
ORF Size:	1551 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224628).
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_172523.3 , NP_766111.1
RefSeq Size:	3803 bp
RefSeq ORF:	1554 bp
Locus ID:	214084
UniProt ID:	Q8BRU6
Cytogenetics:	19 54.64 cM



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Gene Summary:

Involved in the ATP-dependent vesicular transport of biogenic amine neurotransmitters. Pumps cytosolic monoamines including dopamine, norepinephrine, serotonin, and histamine into synaptic vesicles. Requisite for vesicular amine storage prior to secretion via exocytosis (By similarity).[UniProtKB/Swiss-Prot Function]