

Product datasheet for **MR224585L4V**

Slc16a7 (NM_011391) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Slc16a7 (NM_011391) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Slc16a7
Synonyms:	4921534N07Rik; Mct2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011391
ORF Size:	1455 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224585).
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_011391.1 , NP_035521.1
RefSeq Size:	2422 bp
RefSeq ORF:	1455 bp
Locus ID:	20503
UniProt ID:	O70451
Cytogenetics:	10 D3



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Gene Summary:

Proton-coupled monocarboxylate transporter. Catalyzes the rapid transport across the plasma membrane of many monocarboxylates such as lactate, pyruvate, branched-chain oxo acids derived from leucine, valine and isoleucine, and the ketone bodies acetoacetate, beta-hydroxybutyrate and acetate. Functions as high-affinity pyruvate transporter.
[UniProtKB/Swiss-Prot Function]