

Product datasheet for **MR221292L4V**

Slc16a5 (NM_001080934) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Slc16a5
Synonyms:	A130015N09Rik; MCT 5; MCT5; MCT 6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001080934
ORF Size:	1404 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR221292).

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_001080934.1](#), [NP_001074403.1](#)

RefSeq Size: 3020 bp

RefSeq ORF: 1407 bp

Locus ID: 217316

UniProt ID: [G5E8K6](#)

Cytogenetics: 11 E2



Gene Summary:

Proton-linked 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 (By similarity).[UniProtKB/Swiss-Prot Function]