OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
CN: techsupport@origene.cn

Product datasheet for MR224403L3V

Slc22a21 (NM_019723) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Slc22a21
Synonyms:	Octn3; Slc22a9
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_019723
ORF Size:	1692 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224403).
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_019723.2
RefSeq Size:	2297 bp
RefSeq ORF:	1695 bp
Locus ID:	56517
UniProt ID:	A2RSK7, Q9WTN6
Cytogenetics:	11 B1.3

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
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Gene Summary: Sodium-ion independent, medium affinity carnitine transporter. Also transports organic cations such as tetraethylammonium (TEA) without the involvement of sodium. Relative uptake activity ratio of carnitine to TEA is 746.[UniProtKB/Swiss-Prot Function]

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