Product datasheet for MR223539L4V

Slc22a8 (NM_001164634) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Slc22a8 (NM_001164634) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Slc22a8
Synonyms:	Oat3; Roct
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001164634
ORF Size:	1611 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223539).
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_001164634.1, NP_001158106.1
RefSeq Size:	3415 bp
RefSeq ORF:	1614 bp
Locus ID:	19879
UniProt ID:	O88909
Cytogenetics:	19 A

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Gene Summary: Plays an important role in the excretion/detoxification of endogenous and exogenous organic anions, especially from the brain and kidney. Mediates the uptake of p-amino-hippurate (PAH) and estron sulfate (ES). Also mediates uptake of several organic compounds such as prostaglandin E(2), prostaglandin F(2-alpha), allopurinol, 6-mercaptopurine (6-MP), 5-fluorouracil (5-FU), and L-carnitine.[UniProtKB/Swiss-Prot Function]