

Product datasheet for **MR219344L4V**

Sidt1 (NM_001159419) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Sidt1 (NM_001159419) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Sidt1
Synonyms:	AW045928; B830021E24Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001159419
ORF Size:	2496 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR219344).
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_001159419.1 , NP_001152891.1
RefSeq Size:	4281 bp
RefSeq ORF:	2499 bp
Locus ID:	320007
UniProt ID:	Q6AXF6
Cytogenetics:	16 B4



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Gene Summary:

In vitro binds long double-stranded RNA (dsRNA) (500 and 700 base pairs), but not dsRNA shorter than 300 bp (PubMed:26067272). Not involved in RNA autophagy, a process in which RNA is directly imported into lysosomes in an ATP-dependent manner, and degraded (PubMed:27046251).[UniProtKB/Swiss-Prot Function]