

Product datasheet for **MR207186L4V**

Sqrdl (Sqor) (NM_021507) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Sqrdl (Sqor) (NM_021507) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Sqor
Synonyms:	0610039J17Rik; 4930557M22Rik; SQOR; Sqrdl
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021507
ORF Size:	1353 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207186).
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_021507.4 , NP_067482.3
RefSeq Size:	1995 bp
RefSeq ORF:	1353 bp
Locus ID:	59010
UniProt ID:	Q9R112
Cytogenetics:	2 E5


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Gene Summary:

Catalyzes the oxidation of hydrogen sulfide with the help of a quinone, such as ubiquinone, giving rise to thiosulfate and ultimately to sulfane (molecular sulfur) atoms. Requires an additional electron acceptor; can use sulfite, sulfide or cyanide (in vitro).[UniProtKB/Swiss-Prot Function]