

Product datasheet for **MR207418L4V**

Cs (NM_026444) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cs (NM_026444) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cs
Synonyms:	2610511A05Rik; 9030605P22Rik; ah; Ahl4; BB234005; C; Cis
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_026444
ORF Size:	1392 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207418).
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_026444.3
RefSeq Size:	2828 bp
RefSeq ORF:	1395 bp
Locus ID:	12974
UniProt ID:	Q9CZU6
Cytogenetics:	10 D3



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Gene Summary:

The protein encoded by this gene is a central metabolic pathway enzyme, catalyzing the first step of the tricarboxylic acid cycle in which acetyl coenzyme A and oxaloacetate are converted to citrate and coenzyme A. This enzyme is found in nearly all cells capable of oxidative metabolism. This protein is nuclear encoded and transported into the mitochondrial matrix, where the mature form is found. [provided by RefSeq, Jul 2016]