

Product datasheet for **MR204961L4V**

Mat2b (NM_134017) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mat2b (NM_134017) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mat2b
Synonyms:	1110064C04Rik; 2410018D16Rik; AI182287; AU022853; MAT-II; MATIIbeta; TGR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_134017
ORF Size:	1002 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204961).
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_134017.2 , NP_598778.1
RefSeq Size:	1870 bp
RefSeq ORF:	1005 bp
Locus ID:	108645
UniProt ID:	Q99LB6
Cytogenetics:	11 A5



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Gene Summary:

Regulatory subunit of S-adenosylmethionine synthetase 2, an enzyme that catalyzes the formation of S-adenosylmethionine from methionine and ATP. Regulates MAT2A catalytic activity by changing its kinetic properties, increasing its affinity for L-methionine. Can bind NADP (in vitro).[UniProtKB/Swiss-Prot Function]