

Product datasheet for **MR204630L4V**

Slc25a31 (NM_178386) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Slc25a31 (NM_178386) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Slc25a31
Synonyms:	1700034J06Rik; Ant4; Sfec
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_178386
ORF Size:	963 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204630).
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_178386.2 , NP_848473.1
RefSeq Size:	2110 bp
RefSeq ORF:	963 bp
Locus ID:	73333
UniProt ID:	Q3V132
Cytogenetics:	3 B



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Gene Summary:

Catalyzes the exchange of cytoplasmic ADP with mitochondrial ATP across the mitochondrial inner membrane. May serve to mediate energy generating and energy consuming processes in the distal flagellum, possibly as a nucleotide shuttle between flagellar glycolysis, protein phosphorylation and mechanisms of motility.[UniProtKB/Swiss-Prot Function]