

Product datasheet for **MR200403L4V**

Atp5j (NM_016755) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Atp5j (NM_016755) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Atp5j
Synonyms:	Atp5pf; CF6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016755
ORF Size:	327 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR200403).
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_016755.2
RefSeq Size:	820 bp
RefSeq ORF:	327 bp
Locus ID:	11957
UniProt ID:	P97450
Cytogenetics:	16 C3.3



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Gene Summary:

The protein encoded by this gene is a component of mitochondrial adenosine triphosphate synthase, which catalyzes the conversion of ATP from ADP. Mitochondrial adenosine triphosphate synthase consists of extrinsic and intrinsic membrane domains that are joined by a stalk. The protein encoded by this gene is a subunit of the stalk domain. A bi-directional promoter that drives expression of this gene has been identified. Pseudogenes of this gene are found on chromosomes 14 and 17. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]