

Product datasheet for MR200403L3

Atp5j (NM_016755) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Atp5j (NM_016755) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Atp5j

Synonyms: Atp5pf; CF6

Mammalian Cell

Puromycin

Selection: Vector:

pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide

The ORF insert of this clone is exactly the same as(MR200403).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





 $[\]ensuremath{^*}$ The last codon before the Stop codon of the ORF.

ACCN: NM_016755

ORF Size: 327 bp



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

CN: techsupport@origene.cn

Atp5j (NM_016755) Mouse Tagged Lenti ORF Clone - MR200403L3

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 016755.2</u>

 RefSeq Size:
 820 bp

 RefSeq ORF:
 327 bp

 Locus ID:
 11957

 UniProt ID:
 P97450

 Cytogenetics:
 16 C3.3

Gene Summary: The protein encoded by this gene is a component of mitochondrial adenosine triphosphate

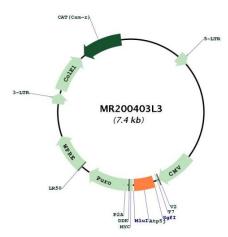
synthase, which catalyzes the conversion of ATP from ADP. Mitochondrial adenosine

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 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]



Product images:



Circular map for MR200403L3