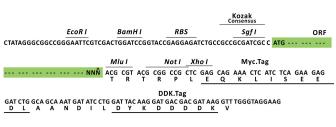


Product datasheet for RR207747L3

Atp5o (Atp5po) (NM_138883) Rat Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids Product Name: Atp5o (Atp5po) (NM_138883) Rat Tagged Lenti ORF Clone Tag: Myc-DDK Symbol: Atp5po Synonyms: Atp5o; Atpo; Oscp Mammalian Cell Puromycin Selection: Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092) E. coli Selection: Chloramphenicol (34 ug/mL) The ORF insert of this clone is exactly the same as(RR207747). **ORF** Nucleotide Sequence: **Restriction Sites:** Sgfl-Mlul **Cloning Scheme:** Cloning sites used for ORF Shuttling: ORF Sqf I Mlu I --- GCG ATC GC C ATG --- //--- NNN ACG CGT ---



* The last codon before the Stop codon of the ORF.



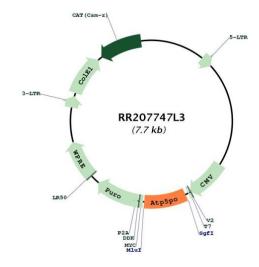


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OriGene Technologies, Inc.

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Plasmid Map:



ACCN:	NM_138883
ORF Size:	639 bp
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. <u>More info</u>
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:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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 138883.1, NP 620238.1</u>
RefSeq Size:	707 bp
RefSeq ORF:	642 bp

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	Atp5o (Atp5po) (NM_138883) Rat Tagged Lenti ORF Clone – RR207747L3
Locus ID:	192241
UniProt ID:	<u>Q06647</u>
Cytogenetics:	11q11
Gene Summary:	subunit of the FOF1 (F-type) mitochondrial ATP synthase/ATPase; plays a role in energy metabolism; binds estrogen in vitro [RGD, Feb 2006]

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