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Product datasheet for SC204622

ATP6V0A4 (NM_020632) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ATP6V0A4 (NM_020632) Human 3' UTR Clone
Symbol:	ATP6V0A4
Synonyms:	A4; ATP6N1B; ATP6N2; DRTA3; RDRTA2; RTA1C; RTADR; STV1; VPH1; VPP2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_020632
Insert Size:	360 bp
Insert Sequence:	>SC204622 3'UTR clone of NM_020632 The sequence shown below is from the reference sequence of NM_020632. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CACATCCTGGATGGCACAGCCGAGGAGTAGGCTGAGGGCTGCACCTCCCACGGTGGTCACCATGCCAAT GAAGGAAGTTCAGTCTTGTCTTTGATATCAGCCCCTGCAAGGCGCTCAATGGGAAGGTTGTTCTTGGCT CACCTGAAGCATGAAACTGTGTATTATTTGGACGTCAGCCTGTGGATTTGATACGACTTAACCACGTCA GAGGAAGGACTTTGGCAAGTGATATTGTCTTCATGTGGGGTATTAATTCTCAAATAATAAAGTAATTGA CAAATGAGGGGAGAATGCTAAACAGATGTCTTCTTGCAATATTTTAAATATTGTATTTGAGAAAATAAA CATCTGAGTCATTCA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

View online »

RefSeq: NM_020632.3

Summary: This gene encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of intracellular compartments of eukaryotic cells. V-ATPase dependent acidification is necessary for such intracellular processes as protein sorting, zymogen activation, receptor-mediated endocytosis, and synaptic vesicle proton gradient generation. V-ATPase is composed of a cytosolic V1 domain and a transmembrane V0 domain. The V1 domain consists of three A and three B subunits, two G subunits plus the C, D, E, F, and H subunits. The V1 domain contains the ATP catalytic site. The V0 domain consists of five different subunits: a, c, c', c'', and d. This gene is one of four genes in man and mouse that encode different isoforms of the a subunit. Alternatively spliced transcript variants encoding the same protein have been described. Mutations in this gene are associated with renal tubular acidosis associated with preserved hearing. [provided by RefSeq, Jul 2008]

Locus ID: 50617

MW: 13.5