

Product datasheet for **SC213825**

ATP6V1B2 (NM_001693) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ATP6V1B2 (NM_001693) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ATP6V1B2
Synonyms: ATP6B1B2; ATP6B2; DOOD; HO57; VATB; Vma2; VPP3; ZLS2
ACCN: NM_001693
Insert Size: 1324 bp
Insert Sequence: >SC213825 3'UTR clone of NM_001693
The sequence shown below is from the reference sequence of NM_001693. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTTTACCCTCGAGACTCTGCAAAGCATTAGCTGCTGCTTCTGCATTGCTCCGCGCTCTTGAAATACT
GGTCTGTTTTCTTTATTCCTTTTGCACCTCTCGGTTCCACCTTTGTGTTGGAGTTTACCATGTTACCC
TGTAATTAATAAAACAAAGAATAGGTAACATATTGTGCCAGTGTTGCAACGTTTTAACTGCTAACAGACC
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TTTCGGTTTGTGGTATGCCTGTATTGCTGGGCTGTGCTGCTGCTCGAAGCAGATGGTTTTGACTGTCT
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TTGGGATTCTGTGTCTTACAGTCTCCCTCTCCAAATAATACACAGAATCCTGCAACTTTTTGCACAG
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TCACATGATTACAATTGCCAGTAGAGTTGTTGTTGGGGTACAAGATGAGAAGAAAGAAAACCTACAG
CCTTTCTACATTCTGACATGCTAACAGTGGTTTAAAGTTTCTAAAGTGTACCAGATGCTGAAGGCAAG
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CCAATTTGGTTCTGCTTTTTGACCTCTCTACCTTTTCAGGGTAATCTTTGTGGCACAACGATAGCA
TTTCCAAGCTTTAGAGTTTTCTGAATTCCTGCGCCTTCTGACGTGAGCCCTGAGCGATCTTCTATGCA
GTTCTGCCATGCGTCTGTTGGTCTCTGTGTTCTTTGTTACTGGGTGCAATAGCAACTCCCTACC
CCGTGCATTCATCTTTGATGTTGTGTAAGTCTTCACTTTTTCTCTGAGGGCTGGGGTTGGGGGA
GTCAGCATGATTATATTTAATGTAGAAAATGTGACATCTGGATATAAAATGAAAATAAATGTTAAAT
AAATGGACCTTAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites:	Sgfl-Mlul
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.
RefSeq:	<u>NM_001693.4</u>
Summary:	This gene encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. V-ATPase dependent organelle 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, three B, and two G subunits, as well as a C, D, E, F, and H subunit. The V1 domain contains the ATP catalytic site. The protein encoded by this gene is one of two V1 domain B subunit isoforms and is the only B isoform highly expressed in osteoclasts. [provided by RefSeq, Jul 2008]
Locus ID:	526
MW:	50.6