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Lieferung & Zahlungsart

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ATP6V0B 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000533-T04

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

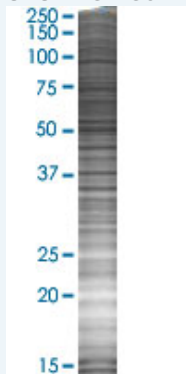
Plasmid: pCMV-ATP6V0B full-length

Host: Human

Theoretical MW (kDa): 21.4

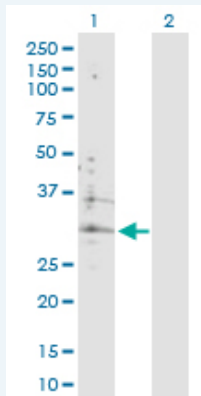
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-ATP6V0B antibody (H00000533-D01P) by Western Blots.

SDS-PAGE Gel



ATP6V0B transfected lysate.

Western Blot



Lane 1: ATP6V0B transfected lysate (21.4 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Applications

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID: [533](#)

GeneBank [NM_004047.3](#)
Accession#:

Protein [NP_004038.1](#)
Accession#:

Gene Name: ATP6V0B

Gene Alias: ATP6F,HATPL,VMA16

Gene Description: ATPase, H⁺ transporting, lysosomal 21kDa, V0 subunit b

Omim ID: [603717](#)

Gene Ontology: [Hyperlink](#)

Gene 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 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. Additional isoforms of many of the V1 and V0 subunit proteins are encoded by multiple genes or alternatively spliced transcript variants. This encoded protein is part of the transmembrane V0 domain and is the human counterpart of yeast VMA16. Two alternatively spliced transcript variants that encode different proteins have been found for this gene. [provided by RefSeq]

Other Designations: ATPase, H⁺ transporting, lysosomal (vacuolar proton pump) 21kD,ATPase, H⁺ transporting, lysosomal 21kDa, V0 subunit c'',H(+)-transporting two-sector ATPase, subunit F,OTTHUMP00000010012,V-ATPase subunit c'',vacuolar ATP synthase 21 kDa proteolipid subunit

Gene Pathway

[Epithelial cell signaling in Helicobacter pylori infection](#) [Lysosome](#) [Metabolic pathways](#)
[Oxidative phosphorylation](#) [Vibrio cholerae infection](#)

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