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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

ATP6V1E1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000529-T04

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

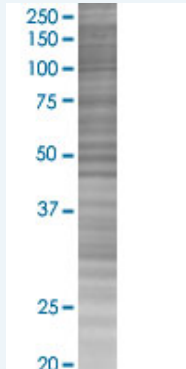
Plasmid: pCMV-ATP6V1E1 full-length

Host: Human

Theoretical MW (kDa): 26.1

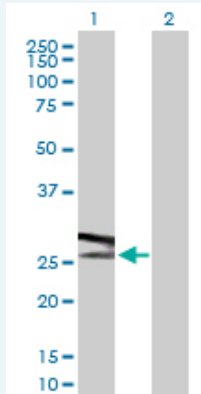
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-ATP6V1E1 antibody ([H00000529-D01P](#)) by Western Blots.

SDS-PAGE Gel



ATP6V1E1 transfected lysate.

Western Blot



Lane 1: ATP6V1E1 transfected lysate (26.10 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: [529](#)

GeneBank Accession#: [NM_001696.3](#)

Protein Accession#: [NP_001687.1](#)

Gene Name: ATP6V1E1

Gene Alias: ATP6E,ATP6E2,ATP6V1E,P31,Vma4

Gene Description: ATPase, H⁺ transporting, lysosomal 31kDa, V1 subunit E1

Omim ID: [108746](#)

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, 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. This gene encodes alternate transcriptional splice variants, encoding different V1 domain E subunit isoforms. Pseudogenes for this gene have been found in the genome. [provided by RefSeq]

Other Designations: ATPase, H⁺ transporting, lysosomal (vacuolar proton pump) 31kD,H(+)-transporting two-sector ATPase, 31kDa subunit,H⁺-transporting ATP synthase chain E, vacuolar,V-ATPase, subunit E,vacuolar H⁺ ATPase E1

Gene Pathway

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

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