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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ATP6V1C1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000528-T02

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

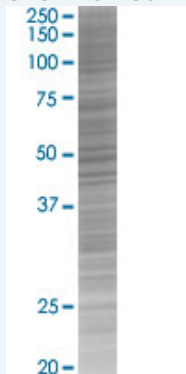
Plasmid: pCMV-ATP6V1C1 full-length

Host: Human

Theoretical MW (kDa): 43.9

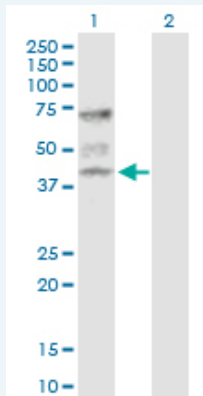
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-ATP6V1C1 antibody ([H00000528-D01P](#)) by Western Blots.

SDS-PAGE Gel



ATP6V1C1 transfected lysate.

Western Blot



Lane 1: ATP6V1C1 transfected lysate (43.90 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

Western Blot

Gene Information

Entrez GeneID: [528](#)

GeneBank [NM_001695](#)
Accession#:

Protein [NP_001686.1](#)
Accession#:

Gene Name: ATP6V1C1

Gene Alias: ATP6C,ATP6D,FLJ20057,VATC,Vma5

Gene Description: ATPase, H⁺ transporting, lysosomal 42kDa, V1 subunit C1

Omim ID: [603097](#)

Gene Ontology: [Hyperlink](#)

Gene 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. Additional isoforms of many of the V1 and V0 subunit proteins are encoded by multiple genes or alternatively spliced transcript variants. This gene is one of two genes that encode the V1 domain C subunit proteins and is found ubiquitously. This C subunit is analogous but not homologous to gamma subunit of F-ATPases. Previously, this gene was designated ATP6D. [provided by RefSeq]

Other Designations: ATPase, H⁺ transporting, lysosomal (vacuolar proton pump) 42kD,ATPase, H⁺ transporting, lysosomal 42kD, V1 subunit C, isoform 1,ATPase, H⁺ transporting, lysosomal 42kDa, V1 subunit C, isoform 1,H(+)-transporting two-sector ATPase, subunit C,H⁺ -ATPase C s

Gene Pathway

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

Related Disease

[Head and Neck Neoplasms](#) [Neoplasm Recurrence, Local](#) [Neoplasms, Second Primary](#)
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