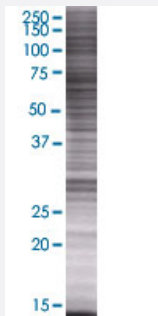


ATP6V0C 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000527-T01

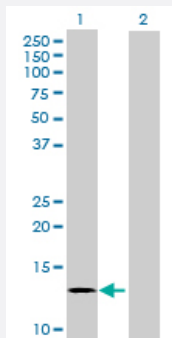
Size 100 uL

Applications



SDS-PAGE Gel

ATP6V0C transfected lysate.



Western Blot

Lane 1: ATP6V0C transfected lysate (17.16 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-ATP6V0C full-length

Host Human

Theoretical MW (kDa) 17.16

Quality Control Testing Transient overexpression cell lysate was tested with Anti-ATP6V0C antibody ([H00000527-B01](#)) by Western Blots.
SDS-PAGE Gel
ATP6V0C transfected lysate.
Western Blot
Lane 1: ATP6V0C transfected lysate (17.16 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.

Applications

- Western Blot

Gene Info — ATP6V0C

Entrez GeneID	527
GeneBank Accession#	NM_001694.2
Protein Accession#	NP_001685.1
Gene Name	ATP6V0C
Gene Alias	ATP6C, ATP6L, ATPL, VATL, Vma3
Gene Description	ATPase, H ⁺ transporting, lysosomal 16kDa, V0 subunit c
Omim ID	108745
Gene Ontology	Hyperlink

Gene Summary	<p>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 V0 domain. This gene had the previous symbols of ATP6C and ATP6L. [provided by RefSeq]</p>
--------------	--

Other Designations	ATPase, H ⁺ transporting, lysosomal (vacuolar proton pump) 16kD ATPase, H ⁺ transporting, lysosomal 16kD, V0 subunit c ATPase, H ⁺ transporting, lysosomal, 16-KD ATPase, H ⁺ transporting, lysosomal, V0 subunit c H ⁺ -transporting two-sector ATPase, 16 kDa sub
--------------------	--

Pathway

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

Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [NARP](#)