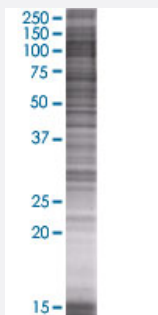


ATP6AP1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000537-T01

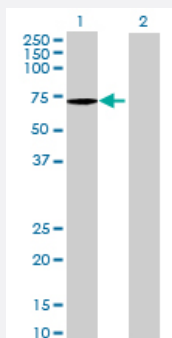
Size 100 uL

Applications



SDS-PAGE Gel

ATP6AP1 transfected lysate.



Western Blot

Lane 1: ATP6AP1 transfected lysate (51.81 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-ATP6AP1 full-length

Host Human

Theoretical MW (kDa) 51.81

Quality Control Testing Transient overexpression cell lysate was tested with Anti-ATP6AP1 antibody ([H00000537-B01](#)) by Western Blots.
SDS-PAGE Gel
ATP6AP1 transfected lysate.
Western Blot
Lane 1: ATP6AP1 transfected lysate (51.81 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 — ATP6AP1

Entrez GeneID	537
GeneBank Accession#	NM_001183.4
Protein Accession#	NP_001174.2
Gene Name	ATP6AP1
Gene Alias	16A, ATP6IP1, ATP6S1, Ac45, CF2, MGC129781, VATPS1, XAP-3, XAP3
Gene Description	ATPase, H ⁺ transporting, lysosomal accessory protein 1
Omim ID	300197
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a component of a multisubunit enzyme (1 mDa MW) that mediates acidification of eukaryotic intracellular organelles. Vacuolar ATPase (V-ATPase) is comprised of a cytosolic V1 (site of the ATP catalytic site) and a transmembrane V0 domain. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting, zymogen activation, and receptor-mediated endocytosis. The encoded protein of this gene is approximately 45 kD and may assist in the V-ATPase-mediated acidification of neuroendocrine secretory granules. [provided by RefSeq]
Other Designations	ATPase, H ⁺ transporting, lysosomal (vacuolar proton pump), subunit 1 ATPase, H ⁺ transporting, lysosomal interacting protein 1 H-ATPase subunit OTTHUMP00000032115 V-ATPase S1 accessory protein

Pathway

- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [Lysosome](#)

- [Metabolic pathways](#)
- [Oxidative phosphorylation](#)
- [Vibrio cholerae infection](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)