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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ATP6V1B2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000526-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

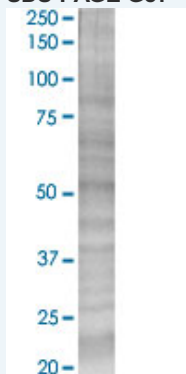
Plasmid: pCMV-ATP6V1B2 full-length

Host: Human

Theoretical MW (kDa): 56.4

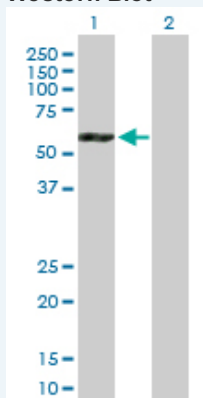
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-ATP6V1B2 antibody ([H00000526-B01P](#)) by Western Blots.

SDS-PAGE Gel



ATP6V1B2 transfected lysate.

Western Blot



Lane 1: ATP6V1B2 transfected lysate (56.40 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: [526](#)

GeneBank [BC030640](#)
Accession#:

Protein [AAH30640.1](#)
Accession#:

Gene Name: ATP6V1B2

Gene Alias: ATP6B1B2,ATP6B2,HO57,VATB,VPP3,Vma2

Gene Description: ATPase, H⁺ transporting, lysosomal 56/58kDa, V1 subunit B2

Omim ID: [606939](#)

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. The protein encoded by this gene is one of two V1 domain B subunit isoforms and is the only B isoform highly expressed in osteoclasts. [provided by RefSeq]

Other Designations: ATPase, H⁺ transporting, lysosomal (vacuolar proton pump), beta polypeptide, 56/58kD, isoform 2,ATPase, H⁺ transporting, lysosomal 56/58kDa, V1 subunit B, isoform 2,H⁺ transporting two-sector ATPase,V-ATPase B2 subunit,endomembrane proton pump 58 kDa subu

Gene Pathway

[Epithelial cell signaling in Helicobacter pylori infection](#) [Metabolic pathways](#)
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Related Disease

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