

Native Human ATP6AP2

Cat. No. ATP6AP2-27064TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human Full length ATP6IP2 double Depleted Plasma.
Species	Human
Description	This gene encodes a protein that is associated with adenosine triphosphatases (ATPases). Proton-translocating ATPases have fundamental roles in energy conservation, secondary active transport, acidification of intracellular compartments, and cellular pH homeostasis. There are three classes of ATPases- F, P, and V. The vacuolar (V-type) ATPases have a transmembrane proton-conducting sector and an extramembrane catalytic sector. The encoded protein has been found associated with the transmembrane sector of the V-type ATPases.
Tissue specificity	Expressed in brain, heart, placenta, liver, kidney and pancreas. Barely detectable in lung and skeletal muscles. In the kidney cortex it is restricted to the mesangium of glomeruli. In the coronary and kidney artery it is expressed in the subendothelium,
Form	Liquid
Purity	>95% by SDS-PAGE
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Full Length	Full L.

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GENE INFORMATION

Gene Name	ATP6AP2 ATPase, H ⁺ transporting, lysosomal accessory protein 2 [Homo sapiens]
Official Symbol	ATP6AP2
Synonyms	ATP6AP2; ATPase, H ⁺ transporting, lysosomal accessory protein 2; ATP6IP2, ATPase, H ⁺ transporting, lysosomal interacting protein 2; renin receptor; APT6M8 9; ATP6M8 9; M8 9;
Gene ID	10159
mRNA Refseq	NM_005765
Protein Refseq	NP_005756
MIM	300556
Uniprot ID	O75787
Chromosome Location	Xp11.4
Pathway	ACE Inhibitor Pathway, organism-specific biosystem; Oxidative phosphorylation, organism-specific biosystem; Wnt signaling network, organism-specific biosystem;
Function	protein binding; receptor activity;

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