

## Native Human ATP6AP2

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

### SPECIFICATION

<b>Product Overview</b>	Human Full length ATP6IP2 double Depleted Plasma.
<b>Species</b>	Human
<b>Description</b>	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.
<b>Tissue specificity</b>	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,
<b>Form</b>	Liquid
<b>Purity</b>	>95% by SDS-PAGE
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Full Length</b>	Full L.

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## GENE INFORMATION

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

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