

## Recombinant Human ATP1B4 protein, His-tagged

Cat. No. ATP1B4-1263H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ATP1B4 protein()(Tyr132-Thr357), fused with His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Tyr132-Thr357
<b>Form</b>	Lyophilized from sterile 20mM Tris, pH8.0. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human ATP1B4 consists of 237 amino acids and predicts a molecular mass of 27.35 KDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	ATP1B4 ATPase, Na <sup>+</sup> /K <sup>+</sup> transporting, beta 4 polypeptide [ Homo sapiens ]
<b>Official Symbol</b>	ATP1B4
<b>Synonyms</b>	ATP1B4; ATPase, Na <sup>+</sup> /K <sup>+</sup> transporting, beta 4 polypeptide; ATPase, (Na <sup>+</sup> )/K <sup>+</sup> transporting, beta 4 polypeptide; protein ATP1B4; X,K-ATPase beta-m subunit; x/potassium-transporting ATPase subunit beta-m;
<b>Gene ID</b>	23439
<b>mRNA Refseq</b>	NM_001142447
<b>Protein Refseq</b>	NP_001135919
<b>UniProt ID</b>	Q9UN42

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