

Recombinant Human ATP1B4 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human ATP1B4 protein()(Tyr132-Thr357), fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Tyr132-Thr357
Form	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.
Molecular Mass	The recombinant human ATP1B4 consists of 237 amino acids and predicts a molecular mass of 27.35 KDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	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.
Reconstitution	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

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

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