

Recombinant Human ATP1B1 protein, His-tagged

Cat. No. ATP1B1-246H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATP1B1 protein(P05026-1) (Glu63-Ser303) was expressed in HEK293 with an N-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	63-303 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human ATP1B1 comprises 261 amino acids and has a predicted molecular mass of 30.4 kDa. The apparent molecular mass of the protein is approximately 40-47 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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

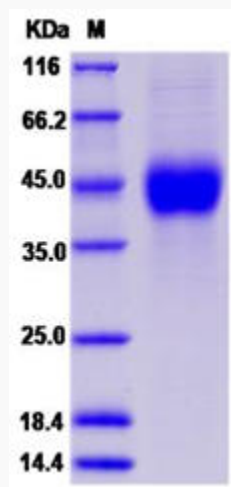
Gene Name	ATP1B1 ATPase, Na ⁺ /K ⁺ transporting, beta 1 polypeptide [Homo sapiens]
Official Symbol	ATP1B1
Synonyms	ATP1B1; ATPase, Na ⁺ /K ⁺ transporting, beta 1 polypeptide; ATP1B; sodium/potassium-transporting ATPase subunit beta-1; adenosinetriphosphatase; Na, K-ATPase beta-1 polypeptide; Beta 1-subunit of Na(+),K(+)-ATPase; sodium/potassium-dependent ATPase beta-1 subunit; sodium/potassium-transporting ATPase beta-1 chain; MGC1798;
Gene ID	481
mRNA Refseq	NM_001677
Protein Refseq	NP_001668
MIM	182330
UniProt ID	P05026

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SDS-PAGE



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