

Recombinant Human ATP1B1, His tagged

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

SPECIFICATION

Product Overview	Recombinant Human ATP1B1 (P05026-1) (Glu63-Ser303), fused with an N-terminal polyhistidine tag, was produced in Human Cells.
Species	Human
Source	Human Cells
ProteinLength	63-303 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
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
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store it under sterile conditions at -20oC~-70oC. 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. 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](#)

Gene ID [481](#)

mRNA Refseq [NM_001677](#)

Protein Refseq [NP_001668](#)

MIM [182330](#)

UniProt ID [P05026](#)

Chromosome Location [1q22-q25](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA