

Recombinant Human ATP1B2 Protein (Asp68-Thr290), His-tagged

Cat. No. ATP1B2-625H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATP1B2 Protein (NP_001669.3) (Asp68-Thr290) was produced by Human Cells expression system. This protein was expressed with a polyhistidine tag at the N-terminus.
Species	Human
Source	Human Cells
ProteinLength	Asp68-Thr290
Predicted N Terminal	His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human ATP1B2 consists of 242 amino acids and predicts a molecular mass of 27.7 kDa.
Endotoxin	< 1.0 EU per µg 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 -70 centigrade.

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Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. 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 0.2 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	ATP1B2 ATPase, Na ⁺ /K ⁺ transporting, beta 2 polypeptide [Homo sapiens]
Official Symbol	ATP1B2
Synonyms	ATP1B2; ATPase, Na ⁺ /K ⁺ transporting, beta 2 polypeptide; AMOG;
Gene ID	482
mRNA Refseq	NM_001678
Protein Refseq	NP_001669
MIM	182331
UniProt ID	P14415

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