## 32-13040: ATP1B2 Human, Sf9

ATP1B2, AMOG, Sodium/Potassium-Transporting ATPase Beta-2 Chain, Sodium/Potassium-Dependent

Alternative
Name : ATPase Beta-2 Subunit, Na, K-ATPase Beta-2 Polypeptide, Adhesion Molecule On Glia, ATPase Na+/K+ Transporting Subunit Beta 2, Sodium-Potassium ATPase Subunit Beta 2 (Non-Catalytic), Sodium/PotassiumTransporting ATPase Subunit Beta-2, Sodium/Potassium-Dependent ATPase Subunit Beta-2, ATPase, Na+/K+ Transporting, Beta 2 Polypeptide, Sodium Pump Subunit Beta-2, Adhesion Molecule In Glia.

## Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
ATPaseTransporting Beta 2 (ATP1B2) is the non-catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of $\mathrm{Na}+$ and $\mathrm{K}+$ ions across the plasma membrane. The precise function of the beta- 2 subunit is not known. The ATP1B2 protein is composed of 3 subunits: alpha (catalytic), beta and gamma.
ATP1B2 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 232 amino acids (68-290a.a.) and having a molecular mass of 26.4 kDa (Molecular size on SDS-PAGE will appear at approximately $28-40 \mathrm{kDa})$. ATP1B2 is expressed with a 9 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

## Product Info

## Amount :

## Purification :

## Content :

## Storage condition :

Amino Acid :

## $2 \mu \mathrm{~g} / 10 \mu \mathrm{~g}$

Greater than $90.0 \%$ as determined by SDS-PAGE.
ATP1B2 protein solution ( $0.5 \mathrm{mg} / \mathrm{ml}$ ) contains Phosphate Buffered Saline ( pH 7.4 ) and $10 \%$ glycerol.
Store at $4^{\circ} \mathrm{C}$ if entire vial will be used within 2-4 weeks. Store, frozen at $-20^{\circ} \mathrm{C}$ for longer periods of time. For long term storage it is recommended to add a carrier protein ( $0.1 \%$ HSA or BSA).Avoid multiple freeze-thaw cycles.
ADPDHTPKYQ DRLATPGLMI RPKTENLDVI VNVSDTESWD QHVQKLNKFL EPYNDSIQAQ KNDVCRPGRY YEQPDNGVLN YPKRACQFNR TQLGNCSGIG DSTHYGYSTG QPCVFIKMNR VINFYAGANQ SMNVTCAGKR DEDAENLGNF VMFPANGNID LMYFPYYGKK FHVNYTQPLV AVKFLNVTPN VEVNVECRIN AANIATDDER DKFAGRVAFK LRINKTHHHH HH.

