9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-13040: ATP1B2 Human, Sf9

Alternative Name :	ATP1B2, AMOG, Sodium/Potassium-Transporting ATPase Beta-2 Chain, Sodium/Potassium-Dependent 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/Potassium-Transporting 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 Na+ and 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 26.4kDa (Molecular size on SDS-PAGE will appear at approximately 28-40 kDa). ATP1B2 is expressed with a 9 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	ATP1B2 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°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.
Amino Acid :	ADPDHTPKYQ DRLATPGLMI RPKTENLDVI VNVSDTESWD QHVQKLNKFL EPYNDSIQAQ KNDVCRPGRY YEQPDNGVLN YPKRACQFNR TQLGNCSGIG DSTHYGYSTG QPCVFIKMNR VINFYAGANQ SMNVTCAGKR DEDAENLGNF VMFPANGNID LMYFPYYGKK FHVNYTQPLV AVKFLNVTPN VEVNVECRIN AANIATDDER DKFAGRVAFK LRINKTHHHH HH.

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