

32-3267: ATP1B2 Recombinant Protein

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

Description

Source : Escherichia Coli. ATP1B2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 246 amino acids (68-246) and having a molecular mass of 27.8kDa. ATP1B2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. ATPase Transporting 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.

Product Info

Amount : 20 µg
Purification : Greater than 90% as determined by SDS-PAGE.
Content : The ATP1B2 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea 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 : MGSSHHHHHH SSGLVPRGSH MGS DHTPKYQ DRLATPGLMI RPKTENLDVI VNVSDTESWD QHVQKLNKFL EPYNDSIQAQ KNDVCRPGRY YEQPDNGVLN YPKRACQFNR TQLGNC SGIG DSTHYGYSTG QPCVFIKMNR VINFYAGANQ SMNVTCAGKR DEDAENLGNF VMFPANGNID LMYFPYYGKK FHVNYTQPLV AVKFLNVTPN VEVNVECRIN AANIATDDER DKFAGRVAFK LRINKT