

## 32-3267: ATP1B2 Recombinant Protein

**Alternative Name :** ATPase Na<sup>+</sup>/K<sup>+</sup> 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<sup>+</sup> and K<sup>+</sup> 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 EPYND SIQAQ KNDVCRPGRY YEQPDNGVLN YPKRACQFNR TQLGNC SGIG  
 DSTHYGYSTG QPCVFIKMNR VINFYAGANQ SMNVTCAGKR DEDAENLGNF VMFPANGNID LMYFPYYGKK  
 FHVNYTQPLV AVKFLNVTPN VEVNVECRIN AANIATDDER DKFAGRVA FK LRINKT

