

ATPaseTransporting Beta 2 Human Recombinant

Item Number	rAP-2812
Synonyms	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 Polyp
Description	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.
Uniprot Accession Number	P14415
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGS DHTPKYQ DRLATPGLMI RPKTENLDVI VNVSDTESWD QHVQKLNKFL EPYND SIQAQ KNDVCRPGRY YEQPDNGVLN YPKRACQFNR TQLGNC SGIG DSTHYGYSTG QPCVFIKMNR VINFYAGANQ SMNVTCAGKR DEDAENLG NF VMFPANGNID LMYFPYYGKK FHVNYTQPLV AVKFLNVT PN VEVNVECRIN AANIATDDER DKFAGRVA FK LRINKT
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	The ATP1B2 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**