

ATPaseTransporting Beta 3 Human Recombinant

Item Number	rAP-2814
Synonyms	ATPase Na ⁺ /K ⁺ Transporting Beta 3 Polypeptide, Sodium-Potassium ATPase Subunit Beta 3 (Non-Catalytic), Sodium/Potassium-Transporting ATPase Subunit Beta-3, Sodium/Potassium-Dependent ATPase Subunit Beta-3, Sodium Pump Subunit Beta-3, ATPB-3, Sodium/Potass
Description	ATP1B3 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 246 amino acids (57-279) and having a molecular mass of 27.4 kDa.ATP1B3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P54709
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSTMWVMLQ TLNDEVPKYR DQIPSPGLMV FPKPVTALEY TFSRSDPTSY AGYIEDLKKF LKPYTLEEKQ NLTVCPDGAL FEQKGPVYVA CQFPISLLQA CSGMNDPDFG YSQGNPCILV KMNRIIGLKP EGVPRIDCVS KNEDIPNAVAV YPHNGMIDLK YFPYYGKKLH VGYLQPLVAV QVSFAPNNTG KEVTVECKID GSANLKSQDD RDKFLGRVMF KITARA.
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 ATP1B3 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 20% glycerol, 0.15M NaCl and 1mM DTT. Greater than 80.0% 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**