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DATA SHEET

ATPase Transporting Beta 1 Human Recombinant, Sf9

Item Number	rAP-2816
Synonyms	Sodium/potassium-transporting ATPase subunit beta-1, ATPase, Na+/K+ transporting, beta 1 polypeptide, ATP1B, ATPBS, Sodium/potassium-dependent ATPase subunit beta-1, ATP1B1, ATPaseTransporting Beta 1.
Description	ATP1B1 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 250 amino acids (63-303 a.a.) and having a molecular mass of 29kDa (Molecular size on SDS-PAGE will appear at approximately 28-40 kDa).ATP1B1 is expressed with a 6 amino acid His tag at C-
Uniprot Accesion Number	P05026
Amino Acid Sequence	ADPEFKPTYQ DRVAPPGLTQ IPQIQKTEIS FRPNDPKSYE AYVLNIVRFL EKYKDSAQRD DMIFEDCGDV PSEPKERGDF NHERGERKVC RFKLEWLGNC SGLNDETYGY KEGKPCIIIK LNRVLGFKPK PPKNES-LETY PVMKYNPNVL PVQCTGKRDE DKDKVGNVEY FGLGNSPGFP LQYYPYYGKL LQPKYLQPLL AVQFTNLTMD TEIRIECKAY GENIGYSEKD RFQGRFDVKI EVKSHHHHHH.
Source	Sf9, Baculovirus cells.
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	ATP1B1 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90.0% 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