9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

# ATP1B2 Human

*ATPaseTransporting Beta 2 Human Recombinant*
*RCP0140*

## Product Overview

| | |
|---|---|
| Name | ATP1B2 Human |
| **Description** | |
| ATPaseTransporting Beta 2 Human Recombinant | |
| Accession (Primary) | P14415 |
| **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 Polypeptide, Sodium Pump Subunit Beta-2, AMOG. | |
| **Introduction** | |
| ATPaseTransporting 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. | |
| **Source** | |
| Escherichia Coli. | |
| **Physical Appearance** | |
| Sterile filtered colorless solution. | |
| **Formulation** | |
| The ATP1B2 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. | |
| **Stability** | |
| 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. | |
| **Purity** | |
| Greater than 90% as determined by SDS-PAGE. | |
| **Amino acid sequence** | |
| MGSSHHHHHH SSGLVPRGSH MGS DHTPKYQ DRLATPGLMI RPKTENLDVI VNVSDTESWD QHVQKLNKFL EPYNDSIQAQ KNDVCRPGRY YEQPDNGVLN YPKRACQFNR TQLGNCSGIG DSTHYGYSTG QPCVFIKMNR VINFYAGANQ SMNVTCAGKR DEDAENLGNF VMFPANGNID LMYFPYYGKK FHVNYTQPLV AVKFLNVTPN VEVNVECRIN AANIATDDER DKFAGRVAFK LRINKT | |

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**Precautions**

ATP1B2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( P14415 )