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ATP1B2 Human, Sf9

ATPase Transporting Beta 2 Human Recombinant, Sf9
RCP0141

Product Overview

Name	ATP1B2 Human, Sf9

Description

ATPase Transporting Beta 2 Human Recombinant, Sf9

Accession (Primary)	P14415

Synonyms

ATP1B2, AMOG, Sodium/Potassium-Transporting ATPase Beta-2 Chain, Sodium/Potassium-Dependent ATPase Beta-2 Subunit, Na, K-ATPase Beta-2 Polypeptide, Adhesion Molecule On Glia, ATPase Na+/K+ Transporting Subunit Beta 2, Sodium-Potassium ATPase Subunit Beta 2 (Non-Catalytic), Sodium/Potassium-Transporting ATPase Subunit Beta-2, Sodium/Potassium-Dependent ATPase Subunit Beta-2, ATPase, Na+/K+ Transporting, Beta 2 Polypeptide, Sodium Pump Subunit Beta-2, Adhesion Molecule In Glia.

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

Sf9, Baculovirus cells.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

ATP1B2 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) 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 90.0% as determined by SDS-PAGE.

Amino acid sequence

ADP DHTPKYQ DRLATPGLMI RPKTENLDVI VNVSDTESWD QHVQKLNKFL EPYNDSIQAQ KNDVCRPGRY YEQPDNGVLN YPKRACQFNR TQLGNCSGIG DSTHYGYSTG QPCVFIKMNR VINFYAGANQ SMNVTCAGKR

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DEDAENLGNF VMFPANGNID LMYFPYYGKK FHVNYTQPLV AVKFLNVTPN VEVNVECRIN AANIATDDER DKFAGRVAFK LRINKT HHHH HH .

Precautions

ATP1B2 Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P14415)