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ATP1B2, 68-290aa, Human, His-tag, Baculovirus

产品货号: TP01271

第三版

别名: Sodium/potassium-transporting ATPase subunit beta-2 isoform 1, ATP1B2, AMOG

描述: ATP1B2, as known as sodium/potassium-transporting ATPase subunit beta-2 isoform 1, is the family of Na⁺/K⁺ and H⁺/K⁺ ATPases beta chain proteins, and to the subfamily of Na⁺/K⁺ ATPases. It 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. This protein is composed of 3 subunits: alpha (catalytic), beta and gamma. Recombinant human ATP1B2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量: 26.4kDa (232aa) 28-40kDa (SDS-PAGE under reducing conditions.)

序列:

ADPDHTPKYQDRLATPGLMIRPKTENLDVIVNVSDTESWDQHVVQKLNKFLPEYNDISIQAQKNDVCRPGRYEYEQPDNGV
LNYPKRACQFNRTQLGNCSGIGDSTHYGYSTGQPCVFIKMNRVINFYAGANQSMNVTCAGKRDEDAENLGNFVMFPA
NGNIDLMPYYPYGGKFFHVNYTQPLVAVKFLNVTPNVEVNVECRINAANIATDDERDKFAGRVAFKLRINKTHHHHHH

纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by Absorbance at 280nm)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.