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ATP1B2, 68-290aa, Human, His tag, E.coli

产品货号: TP01270

第三版

别名:Sodium/potassium-transporting ATPase subunit beta-2, ATPase, Na⁺/K⁺ transporting, beta 2 polypeptide, AMOG

描述: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 exact function of the beta-2 subunit is not known. The protein is composed of three subunits: alpha (catalytic), beta and gamma. Recombinant human ATP1B2 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing , 10% glycerol, 0.4M Urea

分子量:27.8 kDa (246aa)

序列:

MGSSHHHHHHSSGLVPRGSHMGSDHTPKYQDRLATPGLMIRPKTENLDVIVNVSDTESWDQHVQKLNKFLEPYNDSIQ
AQKNDVCRPGRYEQPDNGVLNYPKRACQFNRTQLGNCSGIGDSTHYGYSTGQPCVFIKMNRVINFYAGANQSMNVT
CAGKRDEDAENLGNFVMFPANGNIDLMPYFYGKFFHVNVTQPLVAVKFLNVTPNVEVNVECRINAANIATDDERDKF
AGRVAFKLRINKT

纯度:> 95% by HPLC

浓度:1.0 mg/ml (determined by Bradford assay)

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.