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BSND, 54-320aa, Human, His tag, E.coli

产品货号: TP01370

第三版

别名: Barttin, BART, DFNB73

描述: BSND is an essential beta subunit for CLC chloride channels. These heteromeric channels localize to basolateral membranes of renal tubules and of potassium-secreting epithelia of the inner ear. Mutations in this BSND have been associated with Bartter syndrome with sensorineural deafness. Recombinant human BSND protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

分子量: 31.7 kDa (290aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSCQCYPKITFVPADSDFQGILSPKAMGLENGLAAEMKSPSPQPPYVRLWEEAAYDQ
SLPDFSHIQMKVMSYSEDHRSLLAPEMGQPKLGTSDGGEGPGDVQAWMEAAVVIHKGSDESEGERRLTQSWPGPLACP
QGPAPLASFQDDLDMDSSEGSSPNASPHDREEACSPQQEPQGRCPLDRFQDFALIDAPTLDEPQEGQQWEIALPNNW
QRYPRTKVEEKEASDTGGEEPEKEEEDLYYGLPDGAGDLLPKELGFEPDTQG

纯度: > 95% by HPLC

浓度: 0.25mg/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.