

32-3354: BSND Recombinant Protein

Alternative Name : Bartter Syndrome Infantile With Sensorineural Deafness (Barttin) ,Deafness Autosomal Recessive 73,DFNB73,BART,barttin.

Description

Source : Escherichia Coli. BSND Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 290 amino acids (54-320) and having a molecular mass of 31.7kDa. BSND is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. BSND is a vital beta subunit for CLC chloride channels. These heteromeric channels are restricted to basolateral membranes of renal tubules and of potassium-secreting epithelia of the inner ear. BSND gene mutations are linked with Bartter syndrome with sensorineural deafness.

Product Info

Amount : 10 µg
Purification : Greater than 90% as determined by SDS-PAGE.
Content : The BSND solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.
Storage condition : 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.
Amino Acid : MGSSHHHHHH SSSLVPRGSH MGSCQYPKI TFVPADSDFQ GILSPKAMGL LENGAAEMK SPSQPPYVR
LWEEAAYDQS LPDFSHIQMK VMSYSEDHRS LLAPEMGQPK LGTSDGGEGG PGDVQAWMEA
AVVIHKGSDE SEGERRLTQS WPGPLACPQG PAPLASFQDD LDMSSEGSS PNASPHDREE
ACSPQQEPQG CRCPLDRFQD FALIDAPTL EDEPQEGQWE IALPNNWQRY PRKVEEKEA SDTGGEPEK
EEEDLYYGLP DGAGDLLPK ELGFEPDTQG

