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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 SSGLVPRGSH MGSCQCYPKI TFVPADSDFQ GILSPKAMGL LENGLAAEMK SPSPQPPYVR LWEEAAYDQS LPDFSHIQMK VMSYSEDHRS LLAPEMGQPK LGTSDGGEGG PGDVQAWMEA AVVIHKGSDE SEGERRLTQS WPGPLACPQG PAPLASFQDD LDMDSSEGSS PNASPHDREE ACSPQQEPQG CRCPLDRFQD FALIDAPTLE DEPQEGQQWE IALPNNWQRY PRTKVEEKEA SDTGGEEPEK EEEDLYYGLP DGAGDLLPDK ELGFEPDTQG

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