9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

BSND Human

Bartter Syndrome Infantile with Sensorineural Deafness Human Recombinant
RCP0237

Product Overview

Name	BSND Human
Description	
Bartter Syndrome Infantile with Sensorineural Deafness Human Recombinant	
Accession (Primary)	Q8WZ55
Synonyms	
Bartter Syndrome Infantile With Sensorineural Deafness (Barttin) , Deafness Autosomal Recessive 73, DFNB73, BART, barttin.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The BSND solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS CQCYPKI 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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Precautions

BSND Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8WZ55)