

Bartter Syndrome Infantile with Sensorineural Deafness Human Re-

Item Number	rAP-3984
Synonyms	Bartter Syndrome Infantile With Sensorineural Deafness (Barttin) , Deafness Autosomal Recessive 73, DFNB73, BART, barttin.
Description	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.
Uniprot Accesion Number	Q8WZ55
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSCQCYPKI TFVPADSDFQ GILSPKAMGL LENGAAEMK SPSPQP-PYVR LWEEAAYDQS LPDFSHIQMK VMSYSEDHRS LLAPEMGQPK LGTSDGGEGG PGDVQAWMEA AVVIHKGSDE SEGERRLTQS WGPLACPQG PAPLASFQDD LDMSSEGSS PNASPHDREE ACSPQQEPQG CRCPLDRFQD FALIDAPTL DEPQEGQQWE IALPNNWQRY PRTKVVEEKEA SDTGGEPEEK EEEDLYYGLP DGAGDLLPK ELGFEPDTQG
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The BSND solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**