

# Human BSND Recombinant Protein



RPPB2912

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## Product Information    Protein Information

**Product SKU:**

RPPB2912

**Accession:**

Q8WZ55

**Host:**

Escherichia Coli.

**Protein 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.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

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

**Formulation:**

The BSND solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.

**Purity:**

Greater than 90% as determined by SDS-PAGE.

**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.

**Amino Acid Sequence:**

MGSSHHHHH SGLVPRGSH MGSCQCYPKI TFVPADSDFQ GILSPKAMGL LENGAAEMK SPSPQPPYVR  
LWEEAAYDQS LPDFSHIQMK VMSYSEDHRS LLAPEMGQPK LGTSDGGEGG PGDVQAWMEA AVVIHKGSDS  
SEGERRLTQS WPGPLACPQG PAPLASFQDD LDMSDSEGSS PNASPHDREE ACSPQQEPQG CRCPLDRFQD  
FALIDAPTLE DEPQEGQQWE IALPNNWQRY PRTKVEEKEA SDTGGEPEK EEEDLYYGLP DGAGDLLPK  
ELGFEPDTQG