Recombinant Human BSND, GST-tagged

Cat. No. BSND-10305H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BSND protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	59-320a.a.
Description	This gene encodes an essential beta subunit for CLC chloride channels. These heteromeric channels localize to basolateral membranes of renal tubules and of potassium-secreting epithelia of the inner ear. Mutations in this gene have been associated with Bartter syndrome with sensorineural deafness.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	BSND Bartter syndrome, infantile, with sensorineural deafness (Barttin) [Homo sapiens]

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Official Symbol	BSND
Synonyms	BSND; Bartter syndrome, infantile, with sensorineural deafness (Barttin); deafness, autosomal recessive 73 , DFNB73; barttin; BART; deafness, autosomal recessive 73; DFNB73; MGC119283; MGC119284; MGC119285;
Gene ID	7809
mRNA Refseq	NM_057176
Protein Refseq	NP_476517
MIM	606412
UniProt ID	Q8WZ55
Chromosome Location	1p32.3
Function	contributes_to chloride channel activity; chloride channel regulator activity;

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