

Recombinant Full Length Human BSND Protein, GST-tagged

Cat. No. BSND-3829HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BSND full-length ORF (1 a.a. - 320 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	320 amino acids
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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	61.6 kDa
AA Sequence	MADEKTFRIGFIVLGLFLLALGTFLMSHDRPQVYGTFYAMGSVMVIGGGIIWSMCQCY PKITFVPADSDFQGILSPKAMGLENGLAAEMKSPSPQPPYVRLWEEAAYDQSLPDF SHIQMKVMSYSEDHRSLLAPEMGQPKLGTSDGGEGGPGDVQAWMEAAVVIHKGS DESEGERRLTQSWPGPLACPQGPAPLASFQDDLDMDSSSEGSSPNASPHDREEAC SPQQEPQGCRCPLDRFQDFALIDAPTLEDEPQEGQQWEIALPNNWQRYPRTKVEE KEASDTGGEEPEKEEEDLYYGLPDGAGDLLPKELGFEPDTQG

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

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

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