

Recombinant Human BSND Protein, GST-tagged

Cat. No. BSND-360H **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	Wheat Germ
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	MADEKTFRIGFIVLGLFLLALGTFLMSHDRPQVYGTIFYAMGSVMVIGGIWSMCQCY PKITFVPADSDFQGILSPKAMGLENGLAAEMKSPSPQPPYVRLWEEAAYDQSLPDF SHIQMKVMSYSEDHRSLLAPEMGQPKLGTSDGGEGGPGDVQAWMEAAVVIHKGS DESEGERRLTQSWPGPLACPQGPAPLASFQDDLDMDSSSEGSSPNASPHDREEAC SPQQEPQGCRCPLDRFQDFALIDAPLTLEDEPQEGQQWEIALPNNWQRYPRTKVEE KEASDTGGEEPEKEEEDLYYGLPDGAGDLLPKELGFEPDTQG
Notes	Best use within three months from the date of receipt of this protein.

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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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