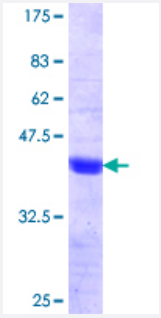
BSND (Human) Recombinant Protein (Q01)

Catalog # H00007809-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human BSND partial ORF (NP_476517.1, 221 a.a. - 320 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	ACSPQQEPQGCRCPLDRFQDFALIDAPTLEDEPQEGQQWEIALPNNWQRYPRTKVEEKEASDT GGEEPEKEEEDLYYGLPDGAGDLLPDKELGFEPDTQG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (60); Rat (61)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — BSND

Entrez GeneID	7809
GeneBank Accession#	NM_057176
Protein Accession#	NP_476517.1
Gene Name	BSND
Gene Alias	BART, MGC119283, MGC119284, MGC119285
Gene Description	Bartter syndrome, infantile, with sensorineural deafness (Barttin)
Omim ID	602522 606412
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an essential beta subunit for CLC chloride channels. These heteromeric chan nels localize to basolateral membranes of renal tubules and of potassium-secreting epithelia of th e inner ear. Mutations in this gene have been associated with Bartter syndrome with sensorineura l deafness. [provided by RefSeq
Other Designations	OTTHUMP00000009804|barttin

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Hypertension