

Datasheet for ABIN7552685  
**BSND Protein (AA 1-320) (His tag)**



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## Overview

Quantity:	1 mg
Target:	BSND
Protein Characteristics:	AA 1-320
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BSND protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat BSND Protein expressed in mammalian cells.
Sequence:	<p>MADEKTFRIG FIVLGLFLLA LGTFLMSHDR PQVYGTFYAM GSVMVIGGII WSMCQCYPKI</p> <p>TFVPADSDFQ GILSPKAMGL LENGAAEMK SPSPQPPYVR LWEEAAYDQS LPDFSHIQMK</p> <p>VMSYSEDHRS LLAPEMGQPK LGTSDGGEGG PGDVQAWMEA AVVIHKGSDS SEGERRLTQS</p> <p>WPGPLACPQG PAPLASFQDD LDMDSSSEGSS PNASPHDREE ACSPQQEPQG CRCPLDRFQD</p> <p>FALIDAPTLT DEPQEGQQWE IALPNNWQRY PRTKVVEEKEA SDTGGEPEEK EEEDLYYGLP</p> <p>DGAGDLLPDK ELGFEPDTQG <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p>

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> <li>Made to order protein - from design to production - by highly experienced protein experts.</li> </ul>
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## Product Details

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- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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## Target Details

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Target:	BSND
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Alternative Name:	BSND ( <a href="#">BSND Products</a> )
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Background:	Barttin,FUNCTION: Functions as a beta-subunit for CLCNKA and CLCNKB chloride channels. In the kidney CLCNK/BSND heteromers mediate chloride reabsorption by facilitating its basolateral efflux. In the stria, CLCNK/BSND channels drive potassium secretion by recycling chloride for the basolateral SLC12A2 cotransporter. {ECO:0000269 PubMed:11734858, ECO:0000269 PubMed:12111250}.
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Molecular Weight:	35.2 kDa
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UniProt:	<a href="#">Q8WZ55</a>
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Pathways:	<a href="#">Sensory Perception of Sound</a>
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## Application Details

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Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Application Details

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months