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Product Information

MemDX™ Membrane Protein Human BSND (Barttin CLCNK type accessory subunit beta)

Full Length

Cat. No.: **MPC2468K**
This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human BSND membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species
Human

Target Protein
BSND

Protein Length
Full length

Protein Class
Receptor

TMD
2

Sequence
MADEKTFRIGFIVLGLFLLALGTFLMSHDRPQVYGTFYAMGSVMVIGGII
WSMCQCYPKITFVPADSDFQGILSPKAMGLLENGLAAEMKSPSPQPPYVR
LWEEAAYDQSLPDFSHIQMKVMSYSEDHRSLLAPEMGQPKLGTSDGGEGG
PGDVQAWMEAAVVIHKGSDESEGERRLTQSWPGPLACPQGPAPLASFQDD
LDMDSSEGSSPNASPHDREEACSPQQEPQGCRCPLDRFQDFALIDAPTLE
DEPQEGQQWEIALPNNWQRYPRTKVEEKEASDTGGEEPEKEEEDLYYGLP
DGAGDLLPDKELGFEPDTQG

Product Description

Expression Systems
HEK293

Tag
Based on specific requirements

Protein Format
Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

BSND

Full Name

Barttin CLCNK type accessory subunit beta

Introduction

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.

Alternative Names

BSND; BART; DFNB73; barttin; Bartter syndrome, infantile, with sensorineural deafness (Barttin); barttin CLCNK type accessory beta subunit; barttin CLCNK-type chloride channel accessory beta subunit; deafness, autosomal recessive 73; Barttin CLCNK type accessory subunit beta

Gene ID

7809

UniProt ID

Q8WZ55

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