

Product Information

MemDX™ Membrane Protein Human SCNN1B (Sodium channel epithelial 1 subunit beta)

Full Length

Cat. No.: **MPC0712K**

This product is for research use only and is not intended for diagnostic use.

This product is a 72.6 kDa Human SCNN1B 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

SCNN1B

Protein Length

Full length

Protein Class

Transporter; Ion channel

Molecular Weight

72.6 kDa

TMD

2

Sequence

MHVKKYLLKGLHRLQKGPGYTYKELLVWYCDNTNTHGPKRIICEGPKKKA
MWFLLTLLFAALVCWQWGIFIRTYLSWEVSVLSVGFKTMDFAVTICNA
SPFKYSKIKHLLKDLDELMEAVLERILAPELSHANATRNLNFSIWNHTPL
VLIDERNPHHPMVLDLFGDNHNGLTSSSASEKICNAHGCKMAMRLCSLNR
TQCTFRNFTSATQALTEWYILQATNIFAQVPQQELVEMSYPGEQMILACL
FGAEP CNYRNFTSIFYPHYGNCYIFNWGMTEKALPSANPGTEFGLKLILD
IGQEDYVPFLASTAGVRLMLHEQRSYPFIRDEGIYAMSGTETSIGVLVDK
LQRMGEPYSPCTVNGSEVPVQNFYSDYNTTYSIQACLRSCFQDHMIRNCN
CGHYLYPLPRGEKYCNRDFPDWAHCYSDLQMSVAQRETCIGMCKESCND
TQYKMTISMADWPSEASEDWIFHVLSQERDQSTNITLSRKGVKLNIFYQ
EFNYRTIEESAANNIVWLLSNLGGQFGFWMGGSVLCLIEFGIIDFWWI
TIIKLVALAKSLRQRRQAQSYAGPPPTVAELVEAHTNFGFQPDAPRSPN
TGPYPSEQALPIPGTPPPNYDSLRLQPLDVIESDSEGDAL

Product Description

Expression Systems

HEK293

Tag

8xHis tag at the N-terminus

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

SCNN1B

Full Name

Sodium channel epithelial 1 subunit beta

Introduction

Nonvoltage-gated, amiloride-sensitive, sodium channels control fluid and electrolyte transport across epithelia in many organs. These channels are heteromeric complexes consisting of 3 subunits: alpha, beta, and gamma. This gene encodes the beta subunit, and mutations in this gene have been associated with pseudohypoaldosteronism type 1 (PHA1), and Liddle syndrome.

Alternative Names

BESC1; ENaCb; SCNEB; LIDLS1; ENaCbeta; amiloride-sensitive sodium channel subunit beta; amiloride-sensitive sodium channel subunit beta 1; beta-ENaC; beta-NaCH; epithelial Na(+) channel subunit beta; epithelial sodium channel beta-2 subunit; epithelial sodium channel beta-3 subunit; mutant sodium channel epithelial 1 beta subunit; nasal epithelial sodium channel beta subunit; nonvoltage-gated sodium channel 1 subunit beta; sodium channel epithelial 1 beta subunit; sodium channel, non-voltage-gated 1, beta subunit; SCNN1B; Sodium channel epithelial 1 subunit beta

Gene ID

[6338](#)

UniProt ID

[P51168](#)