

Recombinant Human SCNN1B, His-tagged

Cat. No. SCNN1B-3892H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SCNN1B protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	68-401aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	SCNN1B sodium channel, non-voltage-gated 1, beta subunit [Homo sapiens]
Official Symbol	SCNN1B
Synonyms	SCNN1B; sodium channel, non-voltage-gated 1, beta subunit; sodium channel, non voltage gated 1, beta , sodium channel, nonvoltage gated 1, beta; amiloride-sensitive sodium channel subunit beta; ENaCbeta; Liddle syndrome; beta-ENaC; beta-NaCH; epithelial Na(+) channel subunit beta; epithelial sodium channel beta-2 subunit;

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epithelial sodium channel beta-3 subunit; sodium channel, nonvoltage-gated 1, beta; nasal epithelial sodium channel beta subunit; nonvoltage-gated sodium channel 1 subunit beta; amiloride-sensitive sodium channel subunit beta 1; BESC1; ENaCb; SCNEB;

Gene ID [6338](#)

mRNA Refseq [NM_000336](#)

Protein Refseq [NP_000327](#)

MIM [600760](#)

UniProt ID [P51168](#)

Chromosome Location 16p12.2-p12.1

Pathway Aldosterone-regulated sodium reabsorption, organism-specific biosystem; Aldosterone-regulated sodium reabsorption, conserved biosystem; Taste transduction, organism-specific biosystem; Taste transduction, conserved biosystem;

Function WW domain binding; ion channel activity; ligand-gated sodium channel activity; protein binding;

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