

Recombinant Human SCNN1B 293 Cell Lysate

Cat. No. SCNN1B-2028HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for sodium channel, nonvoltage-gated 1, beta (SCNN1B) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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; 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;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



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;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA