YBD337Hu01 100μg

Recombinant Amiloride Sensitive Sodium Channel Subunit Alpha (SCNN1a)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

[PROPERTIES]

Residues: Tyr112~Thr543

Tags: Two N-terminal Tags, His-tag and T7-tag

Accession: P37088

Host: *E. coli*

Subcellular Location: Apical cell membrane;

Multi-pass membrane protein.

Purity: >90%

Endotoxin Level: <1.0EU per 1μg (determined by the

LAL method).

Formulation: Supplied as lyophilized form in PBS,

pH7.4, containing 5% trehalose, 0.01% sarcosyl.
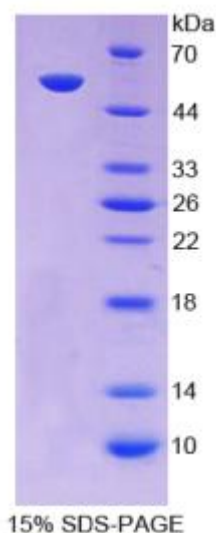
Predicted isoelectric point: 8.1

Predicted Molecular Mass: 53.5kDa

Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)

kDa
70
44
33
26
22
18
14
10

15% SDS-PAGE

[USAGE]

Reconstitute in sterile PBS, pH7.2-pH7.4.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The sequence of the target protein is listed below.

YPVSLNINL NSDKLVFPAV TICTLNPYRY PEIKEELEEL DRITEQTLFD LYKYSSFTTL

VA G S R S R R D L R G T L P H P L Q R L R V P P P P H G A R R A R S VA S S L R D N N P Q V D W K

DWKIGFQLCN QNKSDCFYQT YSSGVDAVRE WYRFHYINIL SRLPETLPSL EEDTLGNFIF

A C R F N Q V S C N Q A N Y S H F H H P M Y G N C Y T F N D K N N S N L W M S S MP G I N N G L S L

MLRAEQNDFI PLLSTVTGAR VMVHGQDEPA FMDDGGFNLR PGVETSISMR KETLDRLGGD

YGDCTKNGSD VPVENLYPSK YTQQVCIHSC FQESMIKECG CAYIFYPRPQ NVEYCDYRKH

S S W G Y C Y Y K L Q V D F S S D H L G C F T K C R K P C S V T S Y Q L S A G Y S R W P S V T S Q E

WVFQMLSRQN NYTVNNKRNG VAKVNIFFKE LNYKTNSESP SVT