

RPD337Hu01 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

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Tyr112~Thr543

Tags: N-terminal His Tag

Subcellular Location: Membrane attack complex

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 100mMNaHCO₃, 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose and Proclin300.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

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

Predicted isoelectric point: 8.1

Predicted Molecular Mass: 53.5kDa

Accurate Molecular Mass: 54kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 100mM NaHCO₃, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

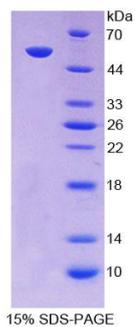
Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

YPVSLNINL NSDKLVFPAV TICTLNPYRY PEIKEELEEL
DRITEQTLFD LYKYSSFTTL VAGRSRRDL RGTLPHP LQR LRVPPPPHGA
RRARSVASSL RDNMPQVDWK DWKIGFQLCN QNKSDCFYQT YSSGVDVAVRE
WYRFHYINIL SRLPETLPSL EEDTLGNFIF ACRFNQVSCN QANYSHFHHP
MYGNCYTFND KNNSNLWMSS MPGINNGLSL MLRAEQNDFI PLLSTVTGAR
VMVHGQDEPA FMDDGGFNLR PGVETSISMR KETLDRLGGD YGDCTKNGSD
VPVENLYPSK YTQQVCIHSC FQESMIKECG CAYIFYPRPQ NVEYCDYRKH
SSWGICYYYKL QVDFSSDHLG CFTKCRKPCS VTSYQLSAGY SRWPSVTSQE
WVFQMLSRQN NYTVNKRNG VAKVNIFFKE LNYKTNSESP SVT

[IDENTIFICATION]



[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.