

RPD337Mu01 10µg

Recombinant Amiloride Sensitive Sodium Channel Subunit Alpha (SCNN1a)

Organism Species: *Mus musculus* (Mouse)

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: Thr156~Ser518

Tags: N-terminal His Tag

Subcellular Location: Membrane

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 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: 8.5

Predicted Molecular Mass: 45.0kDa

Accurate Molecular Mass: 45kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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.

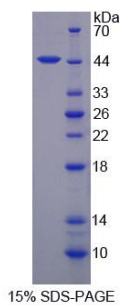
Aliquot and store at -80°C for 12 months.

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]

TVCTL NPYRYTEIKE DLEELDRITE QTLFDLYKYN SSYTRQAGGR
RRSTRDLRGA LPHPLQRLRT PPPNPARSA RSASSSVRDN NPQVDRKDWK
IGFQLCNQNK SDCFYQTYSS GVDVREWYR FHYINILSRL PDTSPALEEE
ALGSFIFTCR FNQAPCNQAN YSQFHHPMYG NCYTFNNKNN SNLWMSSMPG
VNNGLSLTLR TEQNDFIPLL STVTGARVMV HGQDEPAFMD DGGFNVRPGV
ETSISMRKEA LDSLGGNYGD CTENGSDVPV KNLYPSKYTQ QVCIHSCFQE
NMIKKCGCAY IFYPKPKGVE FCDYLKQSSW GYCYYKLQAA FSLDSLGCFS
KCRKPCSVTN YKLSAGYS

[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.