

Recombinant Amiloride Sensitive Sodium Channel Subunit Alpha (SCNN1a) Instruction Manual

SIPD512Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane attack complex
Predicted Molecular Mass	53.5kDa
Accurate Molecular Mass	54kDa(Analysis of differences refer to the manual)
Residues & Tags	Tyr112~Thr543 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	8.1
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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YPVSLNINL NSDKLVFPAV TICTLNPYRY PEIKEELEEL
DRITEQTLFD LYKYSSFTTL VAGRSRRDL RGTLPHPLQR LRVPPPHGA
RRARSVASSL RDNNPQVDWK DWKIGFQLCN QNKSDCFYQT YSSGVDVRE
WYRFHYINIL SRLPETLPSL EEDTLGNFIF ACRFNQVSCN QANYSHFHHP
MYGNCYTFND KNNSNLWMSS MPGINNGLSL MLRAEQNDFI PLLSTVTGAR
VMVHGQDEPA FMDDGGFNLR PGVETSISMR KETLDRLGGD YGDCTKNGSD
VPVENLYPSK YTQQVCIHSC FQESMIKECG CAYIFYPRPQ NVEYCDYRKH
SSWGYYCYKL QVDFSSDHLG CFTKCRKPCS VTSYQLSAGY SRWPSVTSQE
WVFQMLSRQN NYTVNNKRNG VAKVNIFFKE LNYKTNSESP SVT
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

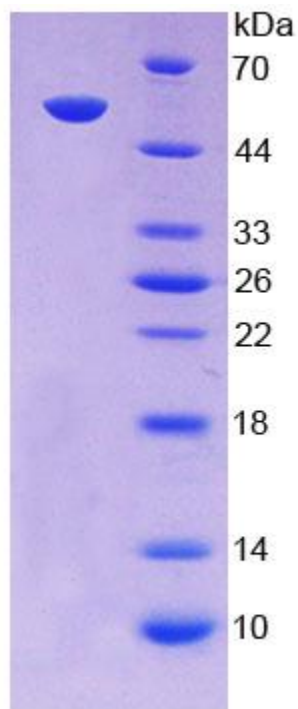
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image



15% SDS-PAGE

SDS-PAGE Image

[IMPORTANT NOTE]

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

