Recombinant Mouse Scnn1a protein, His & T7-tagged

Cat. No. Scnn1a-7977M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Scnn1a aa. (Thr156~Ser518 (Accession # Q61180)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Thr156~Ser518
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 45.0kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 8.5.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	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

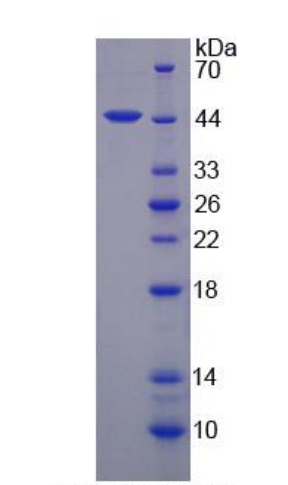
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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Scnn1a sodium channel, nonvoltage-gated 1 alpha [Mus musculus (house mouse)]
Official Symbol	Scnn1a
Synonyms	Scnn1a; sodium channel, nonvoltage-gated 1 alpha; ENaC; SCNEA; Scnn1; mENaC; amiloride-sensitive sodium channel subunit alpha; ENaC alpha; alpha-ENaC; alpha-NaCH; amiloride-sensitive epithelial sodium channel; epithelial Na(+) channel subunit alpha; epithelial sodium channel alpha subunit; nonvoltage-gated sodium channel 1 subunit alpha; sodium channel, nonvoltage-gated, type I, alpha polypeptide
Gene ID	20276
mRNA Refseq	NM_011324.2
Protein Refseq	NP_035454.2
UniProt ID	Q61180

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SDS-PAGE	 15% SDS-PAGE

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