

Recombinant Human SCNN1G protein, His-tagged

Cat. No. SCNN1G-300H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SCNN1G protein(NP_001030.2)(Met1~Val182), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1~Val182
Description	Nonvoltage-gated, amiloride-sensitive, sodium channels control fluid and electrolyte transport across epithelia in many organs. These channels are heteromeric complexes consisting of 3 subunits: alpha, beta, and gamma. This gene encodes the gamma subunit, and mutations in this gene have been associated with Liddle syndrome.
Form	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Molecular Mass	30kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.

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Notes	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.
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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	150g/mL
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	SCNN1G sodium channel epithelial 1 subunit gamma [Homo sapiens (human)]
Official Symbol	SCNN1G
Synonyms	PHA1; BESC3; ENaCg; LDLS2; SCNEG; ENaCgamma
Gene ID	6340
mRNA Refseq	NM_001039.4
Protein Refseq	NP_001030.2
MIM	600761

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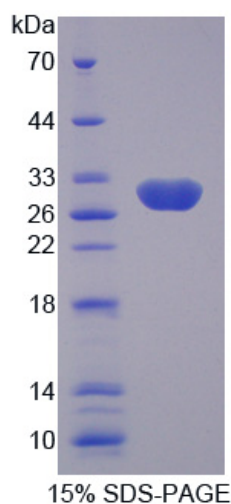
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UniProt ID

P51170

SDS-PAGE of
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