

Recombinant Human SCNN1G protein, His-tagged

Cat. No. SCNN1G-2539H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SCNN1G protein(NP_001030.2)(Thr80~Thr401), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Thr80~Thr401
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	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	41&16kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.

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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.
Reconstitution	Reconstitute in PBS or others.
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
UniProt ID	P51170

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