

## Recombinant Human SCNN1G protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SCNN1G protein(NP_001030.2)(Thr80~Thr401), fused with N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Thr80~Thr401
<b>Description</b>	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.
<b>Form</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Molecular Mass</b>	41&16kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	> 90%
<b>Applications</b>	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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