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# Product Information

## MemDX™ Membrane Protein Human SCNN1G (Sodium channel epithelial 1 subunit gamma) for Antibody Discovery

Cat. No.: **MP1107X**
This product is for research use only and is not intended for diagnostic use.

This product is a 100.7 kDa Human SCNN1G membrane protein expressed in *In vitro* wheat germ expression system.
The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

## Product Specifications

**Host Species**
Human

**Target Protein**
SCNN1G

**Protein Length**
Full-length

**Molecular Weight**
100.7 kDa

**TMD**
2

**Sequence**
MAPGEKIKAKIKKNLPVTGPQAPTIKELMRWYCLNTNTHGCRRIVVSRGRLRRLLWIGFTLTAVALILWQCALLVFSFYTVSVSIKVHF

## Product Description

**Application**
Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

**Expression Systems**
*In vitro* wheat germ expression system

**Tag**
GST-tag at N-terminal

**Form**
Liquid

**Purification**

Glutathione Sepharose 4 Fast Flow

**Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0

**Storage**

Store at +4°C for up to one week or several months at -80°C

## Target

**Target Protein**

SCNN1G

**Full Name**

Sodium channel epithelial 1 subunit gamma

**Introduction**

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.

**Alternative Names**

PHA1; BESC3; ENaCg; LDLS2; SCNEG; ENaCgamma; amiloride-sensitive sodium channel subunit gamma; ENaC gamma subunit; amiloride-sensitive epithelial sodium channel gamma subunit; amiloride-sensitive sodium channel gamma-subunit; epithelial Na(+) channel subunit gamma; gamma-ENaC; gamma-NaCH; nonvoltage-gated sodium channel 1 subunit gamma; sodium channe epithelial 1 gamma subunit; sodium channel epithelial 1 gamma subunit; sodium channel, non-voltage-gated 1, gamma subunit; sodium channel, nonvoltage-gated 1, gamma

**Gene ID**

6340

**UniProt ID**

P51170

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