

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

pCDNA3.1 hSCN5A

RRID:Addgene_145374

Type: Plasmid

Proper Citation

RRID:Addgene_145374

Plasmid Information

URL: <http://www.addgene.org/145374>

Proper Citation: RRID:Addgene_145374

Insert Name: sodium voltage-gated channel alpha subunit 5

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15548568](#)

Vector Backbone Description: Backbone Size:5015; Vector Backbone:pCDNA3.1-Zeo (+); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCDNA3.1 hSCN5A

Record Creation Time: 20220422T221819+0000

Record Last Update: 20260815T080655+0000

Ratings and Alerts

No rating or validation information has been found for pCDNA3.1 hSCN5A.

No alerts have been found for pCDNA3.1 hSCN5A.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Fehrentz T, et al. (2025) Optical control of cardiac electrophysiology by the photochromic ligand azobupivacaine 2. British journal of pharmacology, 182(5), 1125.

Camargo-Ayala L, et al. (2025) Rational design, synthesis, and evaluation of novel polypharmacological compounds targeting NaV1.5, KV1.5, and K2P channels for atrial fibrillation. The Journal of biological chemistry, 301(4), 108387.