

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

pcDNA3-ShhN-Ren

RRID:Addgene_37677

Type: Plasmid

Proper Citation

RRID:Addgene_37677

Plasmid Information

URL: <http://www.addgene.org/37677>

Proper Citation: RRID:Addgene_37677

Insert Name: shh

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:12372301](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5446; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The ShhN construct contains a stop codon following the site of internal cleavage and therefore produces a protein (ShhN) containing the same amino acid residues as the processed protein but lacking cholesterol modification. Renilla luciferase was inserted in-frame into the amino-terminal signaling domain located in a peripheral loop within the structure of ShhN.

Plasmid Name: pcDNA3-ShhN-Ren

Relevant Mutation: soluble form (see comments)

Record Creation Time: 20220422T222159+0000

Record Last Update: 20260815T081416+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-ShhN-Ren.

No alerts have been found for pcDNA3-ShhN-Ren.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Sun J, et al. (2017) A Wntless-SEC12 complex on the ER membrane regulates early Wnt secretory vesicle assembly and mature ligand export. Journal of cell science, 130(13), 2159.