

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pTT5-hSDC1-N20

RRID:Addgene_52355

Type: Plasmid

Proper Citation

RRID:Addgene_52355

Plasmid Information

URL: <http://www.addgene.org/52355>

Proper Citation: RRID:Addgene_52355

Insert Name: SDC1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23504321](#)

Vector Backbone Description: Backbone Marker:NRC Biotechnology Research Institute; Backbone Size:4401; Vector Backbone:pTT5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pTT5-hSDC1-N20

Relevant Mutation: Deletion of SDC1 aa2-21 (according to numbering in Fig. 2A of associated publication) and replaced with GS; R117Q (R95Q numbering as in Fig. 2A)

Record Creation Time: 20220422T222307+0000

Record Last Update: 20260725T074821+0000

Ratings and Alerts

No rating or validation information has been found for pTT5-hSDC1-N20.

No alerts have been found for pTT5-hSDC1-N20.

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 [NIF](#) .

Saunders HAJ, et al. (2025) A network of interacting ciliary tip proteins with opposing activities imparts slow and processive microtubule growth. Nature structural & molecular biology, 32(6), 979.

Iyer SS, et al. (2025) Centriolar cap proteins CP110 and CPAP control slow elongation of microtubule plus ends. The Journal of cell biology, 224(3).