

# Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

## pTT5-hSDC1-2

RRID:Addgene\_52378

Type: Plasmid

### Proper Citation

RRID:Addgene\_52378

### Plasmid Information

**URL:** <http://www.addgene.org/52378>

**Proper Citation:** RRID:Addgene\_52378

**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

**Comments:** Note that the last 3 amino acids of hSDC1, 'FYA', in the cytoplasmic region is an important PDZ domain binding site. This was not an issue in the associated JBC article, but please be aware of the difference. The truncation of hSDC1 also removed the native stop codon and a portion of the beta-globin polyA signal.

**Plasmid Name:** pTT5-hSDC1-2

**Relevant Mutation:** GAGAL of syndecan-1 replaced with of GADED of SDC2; L35W and R95Q (according to numbering in Fig. 2A of associated publication); Y309 and A310 deleted

**Record Creation Time:** 20220422T222308+0000

**Record Last Update:** 20260815T081623+0000

### Ratings and Alerts

No rating or validation information has been found for pTT5-hSDC1-2.

No alerts have been found for pTT5-hSDC1-2.

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.