

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 12, 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: 20260808T081813+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.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.