

Resource Summary Report

Generated by [RRID](#) on Aug 23, 2026

pcDNA3 mTSP1

RRID:Addgene_12405

Type: Plasmid

Proper Citation

RRID:Addgene_12405

Plasmid Information

URL: <http://www.addgene.org/12405>

Proper Citation: RRID:Addgene_12405

Insert Name: TSP1

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5400;
Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial
Resistance:Ampicillin

Plasmid Name: pcDNA3 mTSP1

Record Creation Time: 20220422T221650+0000

Record Last Update: 20260815T080402+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3 mTSP1.

No alerts have been found for pcDNA3 mTSP1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Ercoli S, et al. (2026) Astrocyte Senescence Impairs Synaptogenesis due to Thrombospondin-1 Loss. *Aging cell*, 25(2), e70382.

Chen P, et al. (2022) Tsp-1 is involved in DNA stability through Tgf- β 1 activation domain in cone photoreceptor 661 W cells. *Cell and tissue research*, 388(2), 259.

Sun L, et al. (2016) Notch Signaling Activation in Cervical Cancer Cells Induces Cell Growth Arrest with the Involvement of the Nuclear Receptor NR4A2. *Journal of Cancer*, 7(11), 1388.

Nakamura R, et al. (2012) Structure-function analysis of Nel, a thrombospondin-1-like glycoprotein involved in neural development and functions. *The Journal of biological chemistry*, 287(5), 3282.

Meng H, et al. (2009) Localization of blood proteins thrombospondin1 and ADAMTS13 to cerebral corpora amylacea. *Neuropathology : official journal of the Japanese Society of Neuropathology*, 29(6), 664.