

Resource Summary Report

Generated by [NIF](#) on Sep 17, 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: 20260912T091720+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 [NIF](#) .

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.