

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

pCMV5B-TGFbeta receptor II wt

RRID:Addgene_11766

Type: Plasmid

Proper Citation

RRID:Addgene_11766

Plasmid Information

URL: <http://www.addgene.org/11766>

Proper Citation: RRID:Addgene_11766

Insert Name: TGFbeta receptor II

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:1333888](#)

Vector Backbone Description: Backbone Size:4700; Vector Backbone:pCMV5B; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCMV5B-TGFbeta receptor II wt

Record Creation Time: 20220422T221616+0000

Record Last Update: 20260808T080538+0000

Ratings and Alerts

No rating or validation information has been found for pCMV5B-TGFbeta receptor II wt.

No alerts have been found for pCMV5B-TGFbeta receptor II wt.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Melendez J, et al. (2021) TGF β signalling acts as a molecular brake of myoblast fusion. Nature communications, 12(1), 749.

Nyati S, et al. (2020) TGFBR2 mediated phosphorylation of BUB1 at Ser-318 is required for transforming growth factor- β signaling. Neoplasia (New York, N.Y.), 22(4), 163.

Navarro-Corcuera A, et al. (2019) Role of AGAP2 in the profibrogenic effects induced by TGF β in LX-2 hepatic stellate cells. Biochimica et biophysica acta. Molecular cell research, 1866(4), 673.

Park JH, et al. (2019) Effects of metformin and phenformin on apoptosis and epithelial-mesenchymal transition in chemoresistant rectal cancer. Cancer science, 110(9), 2834.

Inoue-Mochita M, et al. (2018) Interleukin-6-mediated trans-signaling inhibits transforming growth factor- β signaling in trabecular meshwork cells. The Journal of biological chemistry, 293(28), 10975.

Kim GY, et al. (2017) Binding of coronin 1B to T β RI negatively regulates the TGF β 1 signaling pathway. Biochemical and biophysical research communications, 490(2), 574.

Gencer S, et al. (2017) TGF- β receptor I/II trafficking and signaling at primary cilia are inhibited by ceramide to attenuate cell migration and tumor metastasis. Science signaling, 10(502).

Park BV, et al. (2016) TGF β 1-Mediated SMAD3 Enhances PD-1 Expression on Antigen-Specific T Cells in Cancer. Cancer discovery, 6(12), 1366.

Faherty N, et al. (2012) CCN2/CTGF increases expression of miR-302 microRNAs, which target the TGF β type II receptor with implications for nephropathic cell phenotypes. Journal of cell science, 125(Pt 23), 5621.