

Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

pcDNA5FRT-EF-Pdgfralpha-EGFPN

RRID:Addgene_66787

Type: Plasmid

Proper Citation

RRID:Addgene_66787

Plasmid Information

URL: <http://www.addgene.org/66787>

Proper Citation: RRID:Addgene_66787

Insert Name: PDGFRalpha

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26290382](#)

Vector Backbone Description: Vector Backbone:pcDNA5FRT; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA5FRT-EF-Pdgfralpha-EGFPN

Record Creation Time: 20220422T222419+0000

Record Last Update: 20260801T081646+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA5FRT-EF-Pdgfralpha-EGFPN .

No alerts have been found for pcDNA5FRT-EF-Pdgfralpha-EGFPN .

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](#) .

Simpson JE, et al. (2024) Autophagy supports PDGFRA-dependent brain tumor development by enhancing oncogenic signaling. *Developmental cell*, 59(2), 228.

Tsutsumi R, et al. (2024) Endocytic vesicles act as vehicles for glucose uptake in response to growth factor stimulation. *Nature communications*, 15(1), 2843.

Contreras O, et al. (2021) PDGF-PDGFR network differentially regulates the fate, migration, proliferation, and cell cycle progression of myogenic cells. *Cellular signalling*, 84, 110036.

Patel SK, et al. (2020) Generation of diffuse intrinsic pontine glioma mouse models by brainstem-targeted in utero electroporation. *Neuro-oncology*, 22(3), 381.

Pathania M, et al. (2017) H3.3K27M Cooperates with Trp53 Loss and PDGFRA Gain in Mouse Embryonic Neural Progenitor Cells to Induce Invasive High-Grade Gliomas. *Cancer cell*, 32(5), 684.