

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

pCDNA6A-EGFR WT

RRID:Addgene_42665

Type: Plasmid

Proper Citation

RRID:Addgene_42665

Plasmid Information

URL: <http://www.addgene.org/42665>

Proper Citation: RRID:Addgene_42665

Insert Name: EGFR

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17283074](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5100; Vector Backbone:pcDNA6/myc-His A; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCDNA6A-EGFR WT

Record Creation Time: 20220422T222220+0000

Record Last Update: 20260826T042227+0000

Ratings and Alerts

No rating or validation information has been found for pCDNA6A-EGFR WT.

No alerts have been found for pCDNA6A-EGFR WT.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Singh D, et al. (2026) Antibody-Mediated Targeting of Secretory Protein SCUBE3 Suppresses Cancer Progression by Inhibiting Oncogenic Signaling and Inducing Antitumor Immunity. *Cancer research*, 86(5), 1252.

Amagai Y, et al. (2026) Zinc-redox crosstalk regulates proteostasis in the endoplasmic reticulum. *Nature communications*, 17(1).

Trejo-Cerro O, et al. (2024) HPV16 E7 modulates the cell surface expression of MET and CD109 via the AP2 complex. *Tumour virus research*, 17, 200279.

Garcia-Marcos M, et al. (2021) Complementary biosensors reveal different G-protein signaling modes triggered by GPCRs and non-receptor activators. *eLife*, 10.

Bahl S, et al. (2021) EGFR phosphorylates HDAC1 to regulate its expression and anti-apoptotic function. *Cell death & disease*, 12(5), 469.

Huo M, et al. (2020) EGFR targeting enhances the efficiency of chemotherapy through inhibiting IRE1 β -XBP1s pathway in colorectal cancer cells. *Journal of Cancer*, 11(15), 4464.

Liu B, et al. (2019) CX Chemokine Receptor 7 Contributes to Survival of KRAS-Mutant Non-Small Cell Lung Cancer upon Loss of Epidermal Growth Factor Receptor. *Cancers*, 11(4).

Lee YJ, et al. (2019) CGRRF1, a growth suppressor, regulates EGFR ubiquitination in breast cancer. *Breast cancer research : BCR*, 21(1), 134.

Yammine L, et al. (2019) Lipocalin-2 Regulates Epidermal Growth Factor Receptor Intracellular Trafficking. *Cell reports*, 29(7), 2067.

Li Z, et al. (2018) A new temperature-dependent strategy to modulate the epidermal growth factor receptor. *Biomaterials*, 183, 319.

Yángüez E, et al. (2018) Phosphoproteomic-based kinase profiling early in influenza virus infection identifies GRK2 as antiviral drug target. *Nature communications*, 9(1), 3679.

Ho SR, et al. (2018) RNF144A sustains EGFR signaling to promote EGF-dependent cell proliferation. *The Journal of biological chemistry*, 293(42), 16307.

Kang HM, et al. (2017) Phytosphingosine exhibits an anti-epithelial-mesenchymal transition function by the inhibition of EGFR signaling in human breast cancer cells. *Oncotarget*, 8(44), 77794.

Kozlova N, et al. (2017) Hypoxia-inducible factor prolyl hydroxylase 2 (PHD2) is a direct regulator of epidermal growth factor receptor (EGFR) signaling in breast cancer. *Oncotarget*, 8(6), 9885.

Zhang W, et al. (2016) Polarization of macrophages in the tumor microenvironment is influenced by EGFR signaling within colon cancer cells. *Oncotarget*, 7(46), 75366.

Parag-Sharma K, et al. (2016) Membrane Recruitment of the Non-receptor Protein GIV/Girdin (G β -interacting, Vesicle-associated Protein/Girdin) Is Sufficient for Activating Heterotrimeric G Protein Signaling. *The Journal of biological chemistry*, 291(53), 27098.