

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

pcDNA6A-EGFR ICD (645-1186)

RRID:Addgene_42667

Type: Plasmid

Proper Citation

RRID:Addgene_42667

Plasmid Information

URL: <http://www.addgene.org/42667>

Proper Citation: RRID:Addgene_42667

Insert Name: EGFR ICD (645-1186)

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 ICD (645-1186)

Record Creation Time: 20220422T222220+0000

Record Last Update: 20260905T075629+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA6A-EGFR ICD (645-1186).

No alerts have been found for pcDNA6A-EGFR ICD (645-1186).

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](#) .

Papadakos KS, et al. (2022) Sushi domain-containing protein 4 binds to epithelial growth factor receptor and initiates autophagy in an EGFR phosphorylation independent manner. Journal of experimental & clinical cancer research : CR, 41(1), 363.

Gialeli C, et al. (2021) Complement inhibitor CSMD1 modulates epidermal growth factor receptor oncogenic signaling and sensitizes breast cancer cells to chemotherapy. Journal of experimental & clinical cancer research : CR, 40(1), 258.

Sangpheak K, et al. (2019) Biological Evaluation and Molecular Dynamics Simulation of Chalcone Derivatives as Epidermal Growth Factor-Tyrosine Kinase Inhibitors. Molecules (Basel, Switzerland), 24(6).

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

Al-Akhrass H, et al. (2017) Sortilin limits EGFR signaling by promoting its internalization in lung cancer. Nature communications, 8(1), 1182.