

Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

pcDNA6A-EGFR ECD (1-644)

RRID:Addgene_42666

Type: Plasmid

Proper Citation

RRID:Addgene_42666

Plasmid Information

URL: <http://www.addgene.org/42666>

Proper Citation: RRID:Addgene_42666

Insert Name: EGFR ECD (1-644)

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 ECD (1-644)

Record Creation Time: 20220422T222220+0000

Record Last Update: 20260912T092713+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA6A-EGFR ECD (1-644).

No alerts have been found for pcDNA6A-EGFR ECD (1-644).

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.

Karsten L, et al. (2022) Genetically Encoded Ratiometric pH Sensors for the Measurement of Intra- and Extracellular pH and Internalization Rates. Biosensors, 12(5).

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.

Yammine 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.